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Two + Three is Not Equal to Five: A Simple Mathematical Algorithm in Apparel Manufacturing to Reduce Cost, Material Consumption & Post-Manufacturing Leftovers

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Abstract:

In today's competitive manufacturing landscape, the efficient utilization of resources is paramount. At the heart of these pursuits is the recognition that we must find innovative and holistic solutions that balance the needs of the present with the needs of the future. It is a dynamic challenge, but one that offers immense rewards. By reducing wastage and embracing sustainability, we can not only lessen our environmental impact but also create more efficient systems, bolster economies, and improve the quality of life for people around the world.





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The global fashion industry, currently valued at a little over \$1.5 trillion, is as destructive as it is lucrative. The horrific data of fast fashion on environmental impact due to the waste it leaves behind. As per textile waste statistics every year up to 100 billion clothes are made and the world produces 92 million of textile waste each year. Only in the US alone generates just over 17 million tons of textile MSW (Municipal Solid Waste) per year, according to the most recent EPA data. That is around 112lb per person, according to the latest census statistics, 66% of all unwanted clothes and textiles are landfilled, less than 15% are recycled, and the rest (19%) are burned.

Reducing clothing wastage is an important step in promoting sustainability and responsible consumption. Reducing clothing wastage is a collective responsibility, and it requires a shift in mindset and behavior. By adopting efficient manufacturing practices, industries and organizations unlock a multitude of benefits. Committing to waste reduction and sustainability is not just an option but a necessity.

Keywords: Mathematical algorithm, pre-cutting, cost reduction, material consumption optimization, clothing, apparel, post-manufacturing wastage, resource utilization, geometric modeling, optimization techniques, sustainability, and manufacturing efficiency.

Introduction:

In the ever-evolving landscape of modern manufacturing, the pursuit of efficiency, cost reduction, and sustainability stands as an unceasing challenge. Wastage reduction is not only environmentally responsible but also economically beneficial. It can lead to cost savings, improved productivity, and enhanced sustainability, making it a fundamental concept in both the business and environmental domains. This approach recognizes the interconnectedness of our economic, environmental, and social systems and highlights the need for a more sustainable and responsible use of resources in our daily lives and industries. To this end, this study embarks on a journey guided by mathematical algorithms, aiming to revolutionize the pre-calculation process. By harnessing the power of mathematical precision and challenging conventional thinking, we seek to address a critical question that echoes through the annals of mathematics and manufacturing: "Two + Three is not equal to five."

Traditional pre-calculation practices of orders have long been the cornerstone of material transformation in manufacturing. Yet, the inherent complexities of modern production have exposed the limitations of conventional methods. The consequence? Excessive material waste, elevated production costs, and an unsustainable burden on resources.

After completing any order or shipping out the order, we found the manufacturer left with around 1.5-2% excess material and altered or shippable goods left over.

If the order was 10,000 pcs 1.5-2% is not much, 150-200 pieces but imagine this percentage for a million pcs meaning. It will be 15,000-20,000 pcs where the number is far greater.

This non-conventional mathematical axiom symbolizes our departure from traditional paradigms, encouraging us to explore uncharted territory in manufacturing optimization. By transcending the boundaries of conventional wisdom, we aim to unlock the true potential of resource utilization.

This introduction sets the stage for a comprehensive exploration of our mathematical algorithm approach. This approach promises three significant benefits: a reduction in production costs, the optimization of material consumption, and the minimization of post-manufacturing wastage. As we delve deeper into the realms of mathematical innovation for manufacturing optimization, we uncover a new dimension of



possibilities that can reshape industries and usher in a more sustainable, cost-effective, and resourceconscious era of manufacturing.

In the pages that follow, we delve into the intricacies of our simple mathematical algorithm, shedding light on its inner workings and its potential to disrupt established manufacturing norms. We invite the reader to join us on this journey of mathematical discovery, where "Two + Three is not equal to Five," and where a simple equation may hold the key to a brighter, more efficient future for manufacturing industries worldwide.

Important definitions -

***Purchase Order**: In business and commerce, a "PO" often stands for "Purchase Order." It is a document issued by a buyer to a seller, outlining the products or services they wish to purchase, along with the terms and conditions of the transaction. Normally primary purchase order is issued by a buyer to a supplier. It lists all the items you want to purchase, their quantities, prices, and any other relevant terms and conditions. However, instead of specifying a single delivery location, it mentions that the goods or services are to be delivered to multiple destinations.

***Different Destinations:** In the main PO, you should clearly state the various delivery destinations or addresses for the items. Each destination should be specified along with the quantity of items to be delivered to that location.

***Delivery Schedules:** The main PO may also include delivery schedules, indicating when each batch of items should be delivered to each destination.

*Lot Creation: The supplier prepares and organizes the goods into smaller lots or batches, typically based on a pre-agreed lot size or as per the buyer's instructions. Each lot represents a portion of the total order. This approach is commonly used in industries like manufacturing to reduce inventory holding costs by receiving goods in smaller lots as needed, the buyer can minimize the need to store excessive inventory. It also improves cash flow as the payment is made in stages, which can help manage cash flow more effectively. Finally ensuring quality control so each lot can be inspected for quality, which helps in identifying and addressing issues early.

***Size breakdown:** A "size breakdown" is a term commonly used in the apparel and fashion industry. It refers to the distribution or allocation of different sizes within a clothing product line or a specific style of clothing. The size breakdown defines the range of sizes available for that specific style. For example, a shirt style might come in sizes XS, S, M, L, and XL. Within the size range, the buyer determines the quantity or percentage of each size to produce. This allocation is based on historical sales data, market research, and customer demand. For instance, they might produce more units of sizes M and L if those sizes are more popular among their target customers. The manufacturer or production facility then produces the garments according to the size breakdown specifications. They create the appropriate number of pieces in each size.

*Size Ratio: Clothing manufacturers produce garments in a range of sizes to accommodate a diverse customer base. The size ratio specifies the proportion or quantity of each size within the entire production of that specific clothing style. This ratio is designed to meet customer demand and is based on the expected popularity of each size. For example, a size ratio for a shirt style might be 2:3:3:2:1, meaning 2 units of XS, 3 units of S, 3 units of M, 2 units of L, and 1 unit of XL. If the ratio is fixed by the buyer manufacturer cannot produce in a different size ratio without buyer's consent.



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***Over-shipment and under-shipment:** Over-shipment and under-shipment policies in the clothing industry refer to the terms and conditions established by clothing retailers or customers (buyers) to manage and address situations where they receive more or fewer clothing units than they ordered. These policies are typically part of the buyer's agreements or contracts with clothing suppliers or manufacturers and provide guidelines on how to handle over-shipment and under-shipment.

Normally the buyer's agreements or contracts with clothing suppliers or manufacturers contain an agreement of 3% Over-shipment and under-shipment policy which means you can over-ship 3% more or under-ship 3% fewer units from what they ordered. However, manufacturers try to ship as many units as possible within that 3% so they can earn more.

***Production quantity:** It is also known as production volume or production output, which refers to the total number of units or items produced or will be produced or need to be produced by a manufacturer or production facility during a specific period of time.

***Cutting quantity:** Typically this refers to the number of pieces or units of a specific material or fabric that are cut during the cutting process in the manufacturing of clothing and textiles. Cutting quantity is a critical aspect of the clothing manufacturing process, as it affects both material usage and production efficiency. Proper management of the cutting process is essential to ensure that the right quantity of high-quality garment pieces is produced to meet customer demand.

In-depth understanding of the problem:

To understand what we are solving we need to understand how Purchase orders are arranged by the buyer. Declining Fast fashion trends due to Economic downturns, such as the global recession of 2008 and the COVID-19 pandemic, have impacted consumer spending habits. During these periods, consumers have become more budget-conscious, leading to a decline in discretionary spending on fashion. Online shopping and e-commerce have disrupted the traditional retail model, including fast fashion. Consumers have more choices online, and this has increased competition and placed pressure on pricing and profit margins. The traditional fashion calendar with distinct seasons (spring/summer and autumn/winter) is becoming less relevant as consumers demand new styles year-round. Fast fashion brands often struggle to keep up with this shift in demand.

So rise of this practice of splitting wholesale apparel orders into smaller quantities and sending them to different destinations from the factory is beneficial for buyers. It enables buyers to customize their purchases based on the preferences and needs of their specific market or customer base. Buyers can specialize in serving niche markets or regions by tailoring product assortments to suit local tastes and demands. By receiving smaller quantities of items, buyers can reduce their inventory risk. They can avoid overstocking and minimize the financial burden of holding excess stock. In the fast-paced fashion industry, trends change rapidly. Split shipments enable buyers to respond quickly to emerging trends by replenishing popular items without waiting for a bulk order. Different regions may have varying climate conditions and fashion preferences. Split shipments allow buyers to adapt their inventory to the specific needs of each region. Smaller, more frequent orders mean buyers can spread their payments over time, improving cash flow management compared to making large, upfront payments for bulk orders. Buyers can test new products or styles in smaller quantities before committing to larger orders, reducing the risk associated with unproven items. Smaller shipments encourage quicker inventory turnover, which can result in fewer markdowns or clearance sales, ultimately preserving profit margins. Meeting customer demands more precisely can lead to higher customer satisfaction and loyalty. Retailers can offer a better



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shopping experience by consistently stocking desired items. In uncertain times, like during a global pandemic, the ability to adjust order quantities and destinations quickly can be crucial for maintaining supply chain resilience. Buyers can save on warehousing costs by not having to store large quantities of inventory for extended periods. In summary, splitting wholesale apparel orders into smaller quantities and sending them to different destinations from the factory offers buyers numerous advantages, including flexibility, cost savings, risk reduction, and the ability to better cater to the unique needs of their target markets. This practice aligns with the dynamic nature of the fashion industry and the desire to optimize inventory management and customer satisfaction.

As a result, When the manufacturer receives a purchase order from the customer let's say the manufacturer receives an order in a total of 10,000 pcs but in many different destinations. Let's assume the order is divided into 4 destinations.

Destination order 1 - 3,000 pcs

Destination order 2 - 4,000 pcs

Destination order 3 – 1,000 pcs

Destination order 4 - 2,000 pcs

But all this is in one PO and a total of 10,000 pcs.

We found that most of the manufacturer is concerned about the total order as a result they book materials and calculate everything based on that 10,000 pcs.

Thus the manufacturer makes 500 pcs or 5% more assuming the customer can take 3% plus shipment then the order quantity needed to compensate 2% for the wastage. After completing the order or shipping out the order we have found the manufacturer left with around 1-2% excess material and altered or shippable goods leftover. For this 10,000 pcs 1 - 2% may be not many pieces but imagine this percentage for a million pcs where the number is far greater.

However, we will show why this happening and how to reduce this wastage by using a simple mathematical method or algorithm in the material calculation stage which we are referring to as "Two + Three is not equal to five."

Understanding of the size breakdown from PO:

A Manufacturer receives a PO of 25,658 pcs of Shirt orders. Below you can find the details of the PO with Size wise quantity in an understandable chart. Where you can find the style name, fabric code, Fabric construction, Fabric composition, Wash details, and Product category. You can also find the order is in 3 colors, size is 1y –KL, the total order is in 3 lots or three shipments on separate dates and each lot has a different destination.

Like in the 1st lot, we have 12,219 pcs in 5 destinations (Italy, Spain, UK, US, Australia). In 2nd lot, we have only one destination Denmark with a 4296 pcs order and lastly, we have 3rd shipment of 9143 pcs in 3 destinations (UK, US, Canada). All the lot details are given by highlighting in green. Finally, each lot summary and a grand total of 25,658 pcs color-wise per size quantity breakdown has been given.



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Traditional Method of material arrangement and its backdrop:

So the traditional Method is 2% for production wastage + 3% for over shipment only exception is that cutting wastage we need to arrange 3% more fabric which will be added to the consumption. As an example, if the consumption of a garment is 21.75 yds per Dozen we need to add 3% wastage and calculate fabric needed 22.41 yds per Dozen.

However, the focus of today's discussion is on over-shipment and production wastage quantity. Normally buyer takes 3% short or excess shipment from the order quantity. So the manufacturer needs to give shipment either a minimum of 24,888 pcs to a maximum of 26,428 pcs. As per this manufacturer's arrange 5% of all the material needed for production to fulfill the order quantity as per the traditional method where 3% is to fulfill the over shipment quantity and the balance 2% is the production wastage quantity so a total of 5% material needed to accomplish the order. So the manufacturers will arrange materials for 25,658 + 5% = 26,941 pcs so they will make 26,941 - 25,658 = 1283 pcs excess from the order quantity and 26941 - 26428 = 513 pcs more than the 3% excess shipment quantity..

So we can say from the order quantity of 25658 pcs if we want to produce 3% more so that we can offer the buyer a maximum of 3% more than the order. So the Production quantity will be as per below-

		Produc	tion QTY	OF STY	LE # 5AV	/R5QEUO) adding (3% for o	vershipn	nent		
 COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
081	283.25	391.40	475.86	500.58	713.79	824.00	872.41	928.03	867.26	786.92	6643.50	
101	737.48	1043.39	1264.84	1333.85	1953.91	2165.06	2193.90	2356.64	2277.33	1941.55	17267.95	
13C	83.43	99.91	114.33	117.42	295.61	336.81	370.80	379.04	374.92	344.02	2516.29	
TOTAL	1104.16	1534.70	1855.03	1951.85	2963.31	3325.87	3437.11	3663.71	3519.51	3072.49	26427.74	

Again as we are calculating 5% not 3% more this means a balance of 2% we are calculating for the wastage. So adding 2% wastage in production quantity we get how much we need to cut-

	EXP	ECTING (CUTTING	SUMMA	RY OF ST	YLE # 5	AWR5QE	UO addir	ng 2% fo	r wastag	e	
 COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
081	288.92	399.23	485.38	510.59	728.07	840.48	889.86	946.59	884.61	802.66	6776	
101	752.23	1064.26	1290.14	1360.53	1992.99	2208.36	2237.78	2403.77	2322.88	1980.38	17613	
13C	85.10	101.91	116.62	119.77	301.52	343.55	378.22	386.62	382.42	350.90	2567	
TOTAL	1126.24	1565.39	1892.13	1990.89	3022.58	3392.39	3505.85	3736.98	3589.90	3133.94	26956	

But as we cannot make garments unit less than 1 pc so we need to remove all the decimal points. So the final cutting quantity will be-

	EXP	ECTING (CUTTING	SUMMA	RY OF ST	YLE # 5	AWR5QE	UO addin	ig 2% fo	r wastag	e	
COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
081	288.00	399.00	485.00	510.00	728.00	840.00	889.00	946.00	884.00	802.00	6771	
101	752.00	1064.00	1290.00	1360.00	1992.00	2208.00	2237.00	2403.00	2322.00	1980.00	17608	
13C	85.00	101.00	116.00	119.00	301.00	343.00	378.00	386.00	382.00	350.00	2561	
TOTAL	1125.00	1564.00	1891.00	1989.00	3021.00	3391.00	3504.00	3735.00	3588.00	3132.00	26940	

Please note here, due to removing the decimal point we get the final quantity of 26940 pcs you might get 26941 pcs after adding in the final order quantity in your calculation. But no need to worry about it we will count the cutting quantity or we can say the final quantity after adding 5% is 26940 pcs.

The problem we found in the traditional method is that this calculation considers the total quantity ignoring the destination-wise quantity.

Logically As this is going to various destinations we should calculate the quantity based on the destination and lot or delivery date. Because each destination will consider there quantity only not the overall quantity. For example, if we consider only the Canadian order we can see the total order quantity is 216 pcs. So as per the traditional method material will be purchasing 216 + 5% = 226.8 pcs let us consider 226 pcs as Garments cannot be less than 1 pcs so 10 pcs more than the initial order.



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C	COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
22	081						2					0	
10 5 1010	101	12	24	24	24	24	24	24	24	24	12	216	Canada
19-F-1010	130		<u> </u>									0	Canada
	TOTAL	12	24	24	24	24	24	24	24	24	12	216	

But we have to keep in mind that the customer is given a size-wise ratio that we have to maintain for example, in the above Canada order we can say the size-wise ratio is 1,2,2,2,2,2,2,2,2,2,1. So for each size, we calculate 5% to keep it as per the given ratio.

	COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
	081											0	
19-F-	101	0	1	1	1	1	1	1	1	1	0	8	Conneda
1010	13C											0	Canada
	TOTAL	0	1	1	1	1	1	1	1	1	0	8	1

As per above, we found a 5% increase in size 1Y & KL quantity actually less than 1 pcs as a result we don't need to add any extra quantity for these two sizes. So we need only 8 pcs more than the initial order. We conclude that overall 5% is not equal to size-wise 5%.

It's very logical to think that we should make the extra pcs for those sizes 1Y & KL as if we don't make these extra pcs then if any rejection occurs we might need to short ship. It's understandable but it would have been true if we were manufacturing only the Canadian quantity. As we are manufacturing all destination quantities in one time then we don't need to make these extra 2 pcs.

"Two + Three is not equal to Five"

Now we will focus on calculating the above Order in our method. In the above discussion, we understood that each destination means an individual buyer/customer/warehouse requirement also we can see in the same lot there are two orders for the same destination but given separate size breakdowns.

			3RD L	OT SHIPM	ENT DATE:	Monday	, April 8	3, 2024					
21	COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
	081	132	176	209	217	241	233	242	246	221	192	2109	
19-A-1969	101	173	240	298	310	336	334	364	368	334	290	3047	UK
19-A-1909	13C	37	43	48	48	109	115	118	120	119	102	859	UK
	TOTAL	342	459	555	575	686	682	724	734	674	584	6015	
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081	17	33	36	35	35	40	41	45	40	37	359	
10 4 3143	101	33	50	54	54	61	65	70	74	73	71	605	1112
19-A-2143	13C	13	16	18	18	42	47	47	50	49	48	348	UK
	TOTAL	63	99	108	107	138	152	158	169	162	156	1312	

This means that both quantities are not for the same buyer/customer/warehouse meaning they most probably will go to the same destination but for two separate customers/warehouses. So we need to calculate these separately as well.

Now we need to find out as per the size breakdown, considering the ratio, and treat each of them as an individual order adding 3% in the main order how many pcs extra we need to make.



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STYLE:		R5QE			RIC CODE:	AWR							LON 4%ELASTANE
	NEWBORN'S/I L/S	BOY'S WO	/EN SHIRT	CONSTR	UCTION:	1	53X88/50	XN50/PU2	:0		WASH :	NORMAL WASH	
R ALL CONCERN	ED PERSON, YO	DU'RE REOU	ESTED TO (ROSS CHEC		E & COLOR-	WISE OUAN	ITITY BREA	KDOWN WT	TH ORIGINA	I PO SHEE	T MENTIONED OU	ANTITY TO PREVEN
MISTAKES IN B	ULK PRODUCTI	ON. IF YOU	FOUND AN	SORT OF	DISCREPENO	CY ON THE	INFORMATI	ON AT-ONC	E PLEASE IN	FORM US; \	WE'LL STUD	OY AGAIN & HELP	TO RECTIFY. THANK
			1ST I	OT SHIPM	ENT DATE:	Sunday	, March	17, 2024	1				
PO NUMBER	COLOR 081	1Y 2.55	2Y 3.54	XX 4.5	XS 4.92	5	M 6.3	L 6.27	XL 6.3	EL 5.61	KL 4,83	TOTAL 50.82	COUNTRY
19-A-0779	101	6.3	8.94	11.58	12.48	15.66	16.62	16.86	15.99	14.16	10.83	129.42	ITALY
	13C TOTAL	0 8.85	0 12.48	0 16.08	0 17.4	0 21.66	0 22.92	0 23.13	0 22.29	0 19.77	0 15.66	0 180.24	
												10111	
	COLOR 081	1Y 0.03	2Y 0.06	XX 0.06	XS 0.06	S 0	M 0	L	XL 0	EL	KL O	0.21	COUNTRY
19-A-0833	101 13C	5.85 0	8.1 0	9.27	9.24	11.28 0	11.73 0	12.15	13.59	13.86 0	12.27	107.34	Spain
	TOTAL	5.88	8.16	9.33	9.3	11.28	11.73	12.15	13.59	13.86	12.27	107.55	
	COLOR	1Y	2Y	xx	XS	S	м		XL	EL	KL	TOTAL	COUNTRY
	081	0	0	0	0	0	0	0	0	0	0	0	COUNTRY
19-A-0835	101 13C	0.48	0.66	0.72	0.72	0.99	0.99	1.02	1.17	1.11	1.11	8.97	UK
	TOTAL	0.48	0.66	0.72	0.72	0.99	0.99	1.02	1.17	1.11	1.11	8.97	
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081	0	0	0	0	0	0	0	0	0	0	0	
19-A-0836	101 13C	0.18	0.24	0.3	0.3	2.16 0	4.59 0	5.01 0	6.39 0	6.36 0	6.09 0	31.62 0	US
0	TOTAL	0.18	0.24	0.3	0.3	2.16	4.59	5.01	6.39	6.36	6.09	31.62	
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081 101	0	0.12	0.15	0.15	0.66	0.81	0.84	0.87	0.72 5.85	0.63	4.53 33.66	
19-A-0924	13C	0	0	0	0	0	0	0	0	0	0	0	Australia
	TOTAL	0	0.12	0.15	0.15	7.2	7.11	5.55	6.54	6.57	4.8	38.19	
	COLOR		1						R5QEU0				
-	081	1Y 2.58	2Y 3.6	XX 4.56	XS 4.98	5 6.66	M 7.11	L 7.11	XL 7.17	EL 6.33	KL 5.46	TOTAL 55.56	COUNTRY
1ST LOT	101 13C	12.81 0	18.06 0	22.02	22.89 0	36.63	40.23 0	39.75 0	42.81 0	41.34 0	34.47 0	311.01 0	
	TOTAL	15.39	21.66	26.58	27.87	43.29	47.34	46.86	49.98	47.67	39.93	366.57	
			2ND I	OT SHIPM	ENT DATE:	Wedne	sday, An	ril 3, 20	24				
	COLOR	1Y	2Y	xx	XS	S	м	Ľ	XL	EL	KL	TOTAL	COUNTRY
19-A-4187	081 101	0.63	0.75	0.93	2.13	4.5	7.35	8.43	9.57 8.22	9.51 8.01	9.06	51.75 50.22	
19-M-410/													
	130	0.3	0.42	0.45	0.54	2.91	3.78	4.68	4.77	4.71	4.35	26.91	Denmark
	13C TOTAL	0.3 1.95	0.42 2.46	2.85	3.69	12.72	18.81	21	22.56	22.23	4.35 20.61	26.91 128.88	Denmark
	TOTAL	1.95	2.46	2.85 2N	3.69 D LOT SI	12.72	18.81 OF STYI	21 E # 5AW	22.56 /R5QEU0	22.23	20.61	128.88	
	TOTAL COLOR 081	1.95 1Y 0.63	2.46 2Y 0.75	2.85 2N XX 0.93	3.69 D LOT SI XS 1.02	12.72 JMMARY S 4.5	18.81 OF STYI M 7.35	21 E # 5AW L 8.43	22.56 /R5QEU0 XL 9.57	22.23 EL 9.51	20.61 KL 9.06	128.88 TOTAL 51.75	COUNTRY
2ND LOT	COLOR	1.95 1Y	2.46 2Y	2.85 2N XX	3.69 D LOT SI XS	12.72 JMMARY S	18.81 OF STYL	21 E # 5AW	22.56 /R5QEU0 XL	22.23 EL	20.61 KL	128.88 TOTAL	
2ND LOT	COLOR 081 101	1.95 1Y 0.63 1.02	2.46 2Y 0.75 1.29	2.85 2N XX 0.93 1.47	3.69 D LOT SI XS 1.02 2.13	12.72 JMMARY 8 4.5 5.31	18.81 OF STYI M 7.35 7.68	21 E # 5AW L 8.43 7.89	22.56 /R5QEU0 XL 9.57 8.22	EL 9.51 8.01	20.61 KL 9.06 7.2	128.88 TOTAL 51.75 50.22	
2ND LOT	TOTAL COLOR 081 101 13C	1.95 1Y 0.63 1.02 0.3	2.46 2Y 0.75 1.29 0.42 2.46	2.85 2N XX 0.93 1.47 0.45	3.69 D LOT SI XS 1.02 2.13 0.54 3.69	12.72 JMMARY 8 4.5 5.31 2.91 12.72	18.81 OF STYI M 7.35 7.68 3.78 18.81	21 E # 5AW 8.43 7.89 4.68 21	22.56 /R5QEU0 XL 9.57 8.22 4.77	22.23 EL 9.51 8.01 4.71	20.61 KL 9.06 7.2 4.35	128.88 TOTAL 51.75 50.22 26.91	
2ND LOT	TOTAL COLOR 081 101 13C TOTAL COLOR	1.95 1Y 0.63 1.02 0.3 1.95	2.46 2Y 0.75 1.29 0.42 2.46 3RD I 2Y	2.85 2N XX 0.93 1.47 0.45 2.85 .0T SHIPM XX	3.69 D LOT SI XS 1.02 2.13 0.54 3.69 ENT DATE: XS	12.72 JMMARY 8 4.5 5.31 2.91 12.72 Monday 8	18.81 OF STYI M 7.35 7.68 3.78 18.81 /, April 8 M	21 E # 5AW L 8.43 7.89 4.68 21 3, 2024 L	22.56 /R5QEU0 XL 9.57 8.22 4.77 22.56 XL	EL 9.51 8.01 4.71 22.23 EL	20.61 KL 9.06 7.2 4.35 20.61 KL	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL	
	TOTAL COLOR 081 101 13C TOTAL	1.95 1Y 0.63 1.02 0.3 1.95	2.46 2Y 0.75 1.29 0.42 2.46 3RD I	2.85 2N XX 0.93 1.47 0.45 2.85 0T SHIPM	3.69 D LOT SI XS 1.02 2.13 0.54 3.69 ENT DATE:	12.72 JMMARY \$ 4.5 5.31 2.91 12.72 Monday	18.81 OF STYI 7.35 7.68 3.78 18.81 7, April 8	21 E # 5AW 8.43 7.89 4.68 21 8, 2024	22.56 /R5QEU0 XL 9.57 8.22 4.77 22.56	EL 9.51 8.01 4.71 22.23	20.61 KL 9.06 7.2 4.35 20.61	128.88 TOTAL 51.75 50.22 26.91 128.88	COUNTRY
	TOTAL COLOR 081 101 13C TOTAL COLOR 081	1.95 1Y 0.63 1.02 0.3 1.95 1Y 3.96	2.46 2Y 0.75 1.29 0.42 2.46 3RD I 2Y 5.28	2.85 2N XX 0.93 1.47 0.45 2.85 0T SHIPM XX 6.27	3.69 D LOT SI XS 1.02 2.13 0.54 3.69 ENT DATE: XS 6.51	12.72 JMMARY S 4.5 5.31 2.91 12.72 Monday S 7.23	18.81 OF STYI M 7.35 7.68 3.78 18.81 7, April 8 M 6.99	21 E # 5AW B .43 7.89 4.68 21 3 , 2024 L 7.26	22.56 /R5QEU0 xL 9.57 8.22 4.77 22.56 xL 7.38	EL 9.51 8.01 4.71 22.23 EL 6.63	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27	COUNTRY
	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR	1.95 1Y 0.63 1.02 0.3 1.95 1 Y 3.96 5.19 1.11 10.26 1Y	2.46 2Y 0.75 1.29 0.42 2.46 3RD 1 2Y 5.28 7.2 1.29 13.77 2Y	2.85 2N XX 0.93 1.47 0.45 2.85 0T SHIPM XX 6.27 8.94 1.44 16.65 XX	3.69 D LOT SI XS 1.02 2.13 0.54 3.69 ENT DATE: XS 6.51 9.3 1.44 17.25 XS	12.72 JMMARY S 4.5 5.31 2.91 12.72 Monday S 7.23 10.08 3.27 20.58 S	18.81 OF STYI M 7.35 7.68 3.78 18.81 7 , April 8 6.99 10.02 3.45 20.46 M	21 E # 5AW L 8.43 7.89 4.68 21 3.2024 L 7.26 10.92 3.54 21.72 L	22.56 /R5QEU0 xt. 9.57 8.22 4.77 22.56 xt. 7.38 11.04 3.6 22.02 xL	22.23 EL 9.51 8.01 4.71 22.23 EL 6.63 10.02 3.57 20.22 EL	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.52 KL	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL	COUNTRY
19-A-1969	TOTAL COLOR 081 101 13C TOTAL COLOR 081 COLOR 081	1.95 1.95 0.63 1.02 0.3 1.95 1Y 3.96 5.19 1.11 10.26 1Y 0.51	2.46 2Y 0.75 1.29 0.42 2.46 3RD I 2Y 5.28 7.2 1.29 13.77 2Y 0.99	2.85 2N XX 0.93 1.47 0.45 2.85 0T SHIPM XX 6.27 8.94 1.64 1.65 XX 1.08	3.69 D LOT SI XS 1.02 2.13 0.54 3.69 ENT DATE: XS 6.51 9.3 1.44 17.25 XS 1.05	12.72 JMMARY 8 4.5 5.31 2.91 12.72 Monda 8 7.23 10.08 3.27 20.58 8 1.05	18.81 OF STYI M 7.35 7.68 3.78 18.81 7, April 8 M 6.99 10.02 3.45 20.46 M 1.2	21 E # 5AW L 8.43 7.89 4.68 21 8.2024 L 7.26 10.92 3.54 21.72 L 1.23	22.56 /RSQEU0 xL 9.57 8.22 4.77 22.56 xL 7.38 11.04 3.6 22.02 xL 1.35	22.23 EL 9.51 4.71 22.23 EL 6.63 10.02 3.57 20.22 EL 1.2	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.52 KL 1.11	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77	COUNTRY COUNTRY UK COUNTRY
19-A-1969	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C	1.95 1.95 0.63 1.02 0.3 1.95 1.95 1.11 10.26 1.Y 0.51 0.99 0.39	2.46 2Y 0.75 1.29 0.42 2.46 3RD 1 2Y 5.28 7.2 1.29 1.377 2Y 0.99 1.5 0.48	2.85 2N XX 0.93 1.47 0.45 2.85 0T SHIPM XX 6.27 8.94 1.44 16.65 XX 1.08 1.62 0.54	3.69 D LOT SU XS 1.02 2.13 0.54 3.69 ENT DATE: XS 6.51 9.3 1.44 17.25 XS 1.05 1.62 0.54	12.72 JMMARY S 4.5 5.31 2.91 12.72 Monday S 7.23 10.08 3.27 20.58 S 1.05 1.83 1.26	18.81 OF STYI M 7.35 7.68 3.78 18.81 / April 8 M 6.99 10.02 3.45 20.46 M 1.2 1.95 1.41	21 E # 5AW L 8.43 7.89 4.68 21 3, 2024 L 7.26 10.92 3.54 21.72 L 1.23 2.1 1.41	22.56 /R5QEU0 xL 9.57 8.22 4.77 22.56 xL 7.38 11.04 3.6 22.02 xL 1.35 2.22 1.5	22.23 EL 9.51 8.01 4.71 22.23 EL 6.63 10.02 3.57 20.22 EL 1.2 2.19 1.47	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.52 KL 1.11 2.13 1.44	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44	COUNTRY
19-A-1969	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101	1.95 1.95 0.63 1.02 0.3 1.95 1.95 1.95 1.11 10.26 1.11 10.26 1.99	2.46 2Y 0.75 1.29 0.42 2Y 5.28 7.2 1.29 13.77 2Y 0.99 1.5	2.85 2N XX 0.93 1.47 0.45 2.85 0T SHIPM XX 6.27 8.94 1.44 16.65 XX 1.08 1.62	3.69 D LOT SI XS 1.02 2.13 0.54 3.69 ENT DATE: XS 1.44 17.25 XS 1.05 1.62	12.72 JMMARY S 4.5 5.31 2.91 12.72 Monday S 7.23 10.08 3.27 20.58 S 1.05 1.83	18.81 OF STYI M 7.35 7.68 3.78 18.81 7, April 8 M 6.99 10.02 3.45 20.46 M 1.2 1.95	21 E # 5AW L 8.43 7.89 4.68 21 3, 2024 L 7.26 10.92 3.54 21.72 L 1.23 2.1	22.56 /R5QEU0 xL 9.57 8.22 4.77 22.56 XL 7.38 11.04 3.6 22.02 XL 1.35 2.22	22.23 FL 9.51 8.01 4.71 22.23 FL 6.63 10.02 3.57 20.22 FL 1.2 2.19	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.52 KL 1.11 2.13	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15	COUNTRY COUNTRY UK COUNTRY
19-A-1969	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR	1.95 1.95 1.02 0.3 1.95 1.95 1.11 10.26 1.11 10.26 1.11 10.26 1.47 0.39 1.89 0.39 1.89 1.89 1.89 1.89 1.89 1.95 1.99 1.95 1.99 1.89 1.95 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.95 1.89 1.89 1.89 1.89 1.95 1.95 1.89 1.95 1.95 1.89 1.95 1.89 1.95 1.95 1.89 1.89 1.95 1.95 1.89 1.89 1.89 1.89 1.95 1.95 1.95 1.89 1.95 1.89 1.95 1.95 1.95 1.89 1.89 1.95 1.95 1.95 1.89 1.95 1.89 1.95 1.95 1.95 1.89 1.95 1.89 1.95 1.89 1.95 1.95 1.89 1.95 1.89 1.95 1.95 1.95 1.85 1.95 1.85 1.95 1.95 1.95 1.85 1.95 1.85 1.95 1.85 1.95 1.85 1.95 1.85 1.95 1.85 1.95 1.85 1.95 1.85 1.95 1.95 1.85 1.95 1.85 1.95	2.46 2Y 0.75 1.29 0.42 2.46 3RD I 2Y 5.28 7.2 1.29 13.77 2Y 0.99 1.5 0.48 2.97 2.97 2.29	2.85 2N XX 0.93 1.47 0.45 2.85 01 SHIPM XX 6.27 8.94 1.64 1.665 XX 1.08 1.62 0.54 3.24 XX	3.69 DLOT SI XS 1.02 2.13 0.54 3.69 EHT DATE: XS 6.51 1.64 1.7.25 XS 1.05 1.62 0.54 3.21 XS	12.72 JMMARY 8 4.5 5.31 2.91 12.72 Monday 8 7.23 20.58 5 1.05 1.83 1.26 4.14 8	18.81 OF STYI M 7.35 7.68 3.78 8.81 7, April { 6.99 10.02 3.45 20.46 M 1.2 1.95 1.41 4.56 M	21 E # 5AW L 8.43 7.89 4.68 21 7.26 7.26 10.92 3.54 21.72 L 1.23 2.1 1.41 4.74 L	22.56 XL 9.57 8.22 4.22 7.38 11.04 3.6 22.02 XL 1.35 5.07 XL	22.23 EL 9.51 8.01 4.71 22.23 EL 6.63 10.02 3.57 20.22 EL 1.2 2.19 1.47 4.86 EL	20.61 KL 9.06 7.2 4.2 20.61 KL 5.76 8.7 3.06 17.52 KL 1.11 2.13 1.44 4.68 KL	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL	COUNTRY COUNTRY UK COUNTRY
19-A-1969 19-A-2143	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL	1.95 1.95 1.02 0.3 1.95 1.95 1.11 10.26 1.11 10.26 1.11 10.26 1.99 0.39 0.39 1.89 1.89 1.89 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.95 1.97 1.99 1.99 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.97 1.99 1.99 1.97	2.46 2Y 0.75 1.29 0.42 2.46 3RD 1 2Y 5.28 7.2 1.29 13.77 2Y 0.99 1.5 0.48 2.97 2.97 2.97 0.78	2.85 2N XX 0.93 1.47 0.45 2.85 0T SHIPM XX 6.27 8.94 1.44 16.65 XX 1.08 1.62 0.54 3.24 XX 1.02 2.07	3.69 DLOT SI XS 1.02 2.13 0.54 3.69 EHT DATE: XS 6.51 4.4 17.25 XS 1.05 1.62 0.54 1.62 0.54 1.02 2.19	12.72 JMMARY 8 4.5 5.31 2.91 12.72 Monday 7.23 10.08 3.27 20.58 8 1.05 1.83 1.26 4.14 8 1.35 2.34	18.81 OF STYI M 7.35 7.68 3.78 8.81 7, April { 6.99 10.02 3.45 20.46 M 1.2 1.95 1.41 4.56 M 1.35 2.46	21 E # 5AW L 8.43 7.89 4.68 21 7.26 10.92 3.54 21.72 L 1.23 2.1 1.41 4.74 L 1.38 2.52	22.56 XL 9.57 8.22 4.77 22.56 XL 7.38 11.04 3.6 22.02 XL 1.35 2.22 1.5 5.07 XL 1.56	22.23 EL 9.51 8.01 4.71 22.23 EL 6.63 10.02 3.57 20.22 EL 1.2 2.19 1.47 4.86 EL 1.59 4.05	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.52 KL 1.11 2.13 1.44 4.68 KL 1.53 3.69	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 12.15 25.68	COUNTRY UK COUNTRY UK COUNTRY UK
19-A-1969 19-A-2143	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C	1.95 1Y 0.63 1.02 0.3 1.95 1.95 1.95 1.11 10.26 0.39 0.39 1.89 1Y 0.51 0.39 1.89 1 10 5.7 1.11 0.657	2.46 2Y 0.75 1.29 0.42 2.46 3RD I 3RD I 2Y 5.28 7.2 1.29 1.37 2 2Y 0.99 1.5 0.48 2.97 2 2Y 0.78 1.62 0.78	2.85 2N XX 0.93 1.47 0.45 2.85 07 SHIPM XX 6.27 8.94 1.44 16.65 3.24 XX 1.08 1.62 0.54 3.24 XX 1.02 1.02 0.9	3.69 DLOTSI XS 1.02 2.13 0.54 3.69 ENTDATE: XS 6.51 9.3 1.44 17.25 1.62 0.54 3.21 XS 1.05 1.62 0.54 3.21 XS 1.02 2.19 0.9	12.72 JMMARY 8 4.5 5.31 2.91 12.72 Monday 8 7.23 10.08 3.27 20.58 1.05 1.83 1.26 4.14 8 1.35 2.34 1.17	18.81 OF STYI M 7.35 7.68 3.78 18.81 , April 8 M 6.99 10.02 3.45 20.46 M 1.2 1.95 1.41 4.56 M 1.35 2.46 1.17	21 E # 5AW L 8.43 7.89 4.68 21 3.52 21 3.54 21.72 1.23 2.1 1.41 4.74 L 1.38 2.52 1.17	22.56 R5QEU0 9.57 8.22 4.77 22.56 XL 7.38 11.04 3.6 22.02 XL 1.35 2.22 XL 1.35 3.67 XL 1.56 3.63 1.17	22.23 EL 9.51 9.51 4.71 22.23 EL 1.0.02 3.57 20.22 EL 1.2 2.19 1.47 4.86 EL 1.59 1.47 4.86	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.55 KL 1.11 1.44 4.68 KL 1.53 3.69 1.17	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 12.15 25.68 10.17	COUNTRY COUNTRY UK COUNTRY UK
19-A-1969	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 001 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 13C	1.95 1.9 0.63 1.02 0.3 1.95 1.11 1.15 1.95 1.95 1.95 1.11 1.15 1.95 1.11 1.15 1.95 1.11 1.15 1.95 1.11 1.15 1.95 1.11 1.15 1.15 1.95 1.11 1.15 1.15 1.15 1.95 1.11 1.15	2.46 2Y 0.75 1.29 0.42 2.46 3RD 1 2Y 5.28 7.2 1.29 1.37 1.29 1.37 0.99 1.5 0.48 2.97 2Y 0.78 1.62 0.72 3.12	2.85 2N XX 0.93 1.47 0.45 2.85 01 SHIPM XX 6.27 8.94 1.64 1.65 2.85 XX XX 1.08 1.62 0.54 3.24 XX 1.02 0.54 3.24	3.69 DLOTSI XS 1.02 2.13 0.54 3.69 ENTDATE: XS 6.51 9.3 1.44 17.25 XS 1.05 1.62 0.54 3.21 XS 1.02 2.19 0.9 4.11	12.72 JMMARY 8.5 4.5 5.31 2.91 12.72 Monday 8 7.23 10.08 3.27 20.58 1.05 1.83 1.26 4.14 S 1.35 2.34 1.17 4.86	18.81 OF STYI M 7.35 7.68 3.78 18.81 , April 8 M 6.99 10.02 3.45 20.46 M 1.2 1.95 1.41 1.41 1.45 M 1.35 2.46 1.17 4.98	21 E # 5AW L 8.43 7.89 4.68 21 3,2024 1.7.26 10.92 2.17 21.72 1.41 4.74 L 1.23 2.1 1.41 4.74 L 1.38 2.52 1.17 5.07	22.56 R5QEU0 9.57 8.22 4.77 22.56 XL 7.38 11.04 3.6 22.02 XL 1.5 5.07 XL 1.56 3.63 1.17 6.36	22.23 EL 9.51 9.51 4.71 22.23 EL 6.63 10.02 3.57 20.22 2.19 1.47 1.47 4.86 EL 1.59 4.05 1.17 6.81	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.55 17.55 KL 1.11 2.13 1.44 4.68 KL 1.53 3.69 1.17 6.39	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 12.15 25.68 10.17 48	COUNTRY COUNTRY UK COUNTRY UK COUNTRY US
19-A-1969	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 10 10 10 10 10 10 10 10 10 10 10 1	1.95 1.95 1.95 1.02 0.3 1.95 1.11 1.05 1.05 1.05 1.05 1.05 1.01 1.01 1.05 1.01 1.01 1.05 1.01 1.01 1.05 1.01 1.01 1.05 1.01 1.01 1.05 1.01 1.01 1.05 1.01 1.01 1.05 1.01 1	2.46 2Y 0.75 1.29 0.42 2.46 3RD 1 2Y 5.28 7.2 1.29 1.377 1.377 2.47 0.99 1.5 0.48 2.97 0.78 1.62 0.72 3.12 2Y 0.72 3.12	2.85 2N XX 0.93 1.47 0.45 2.85 01 SHIPM XX 6.27 8.94 1.645 1.665 0.54 3.24 XX 1.02 2.07 0.9 3.99 XX 0	3.69 DLOTSI XS 1.02 2.13 0.54 3.69 ENTDATE: XS 6.51 9.3 1.44 17.25 1.65 1.65 1.65 1.65 1.65 1.65 1.65 1.6	12.72 JMMARY 8 4.5 5.31 2.91 12.72 Monday 8 7.23 10.08 3.27 20.58 8 1.05 1.83 1.26 4.14 S 1.35 2.34 1.17 4.86 8 0	18.81 OF STYI M 7.35 7.68 3.78 18.81 , April 8 M 6.99 10.02 3.45 20.46 M 1.2 1.95 1.41 1.41 4.56 M 1.35 2.46 1.17 4.98 M 0	21 E # 5AW L 8.43 7.89 4.68 21 3,2024 L 7.26 10.92 3.54 21.72 1.23 2.1 1.41 4.74 L 1.38 2.52 1.17 5.07 L 0	22.56 R502U0 xL 9.57 8.22 4.77 22.56 XL 7.38 11.04 3.6 22.02 XL 1.5 5.07 XL 1.56 3.63 1.17 6.36 XL 0	22.23 EL 9.51 8.01 4.71 22.23 EL 1.2 2.19 1.47 4.86 EL 1.59 4.05 1.17 6.81 EL 0.02	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.55 17.55 17.55 17.55 17.55 17.55 1.44 4.68 KL 1.53 3.69 1.17 6.39 KL KL KL KL KL KL KL KL KL KL	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 12.15 25.68 10.17 48 TOTAL 0 0	COUNTRY UK COUNTRY UK COUNTRY UK
19-A-1969 19-A-2143	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C COLOR 081 101 13C COLOR 081 101 13C COLOR 081 101 13C COLOR 081 101 13C COLOR 081 101 13C COLOR 081 101 13C COLOR 081 101 13C COLOR 081 101 13C COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 101 101 101 101 101 101	1.95 1Y 0.63 1.02 0.3 1.95 1.95 1.95 1.91 1.11 10.26 1.7 0.51 0.39 1.89 1.89 1.89 1.89 1.89 1.89 1.89 1.95 1.97 1.11 0.63 1.95 1.11 1.95 1.95 1.11 1.95 1.97 1.111 0.457 1.231 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95 1.91 1.95	2.46 2Y 0.75 1.29 0.42 2.46 3RD I 3RD I 2Y 1.29 13.77 2Y 0.99 1.5 0.48 2.97 2.97 2.97 0.78 1.62 0.72 3.12 2Y	2.85 2N XX 0.93 1.47 0.45 2.85 01 SHIPM XX 6.27 8.94 1.44 16.65 XX 1.62 0.54 3.24 XX 1.02 2.07 0.9 3.99 XX	3.69 DLOT SI XS 1.02 2.13 0.54 3.69 ENI DATE: XS 6.51 9.3 1.44 17.25 XS 1.62 0.54 3.21 XS 1.05 1.62 0.54 3.21 XS 1.02 2.19 0.9 4.11 XS	12.72 JMMARY S 4.5 5.31 2.91 12.72 Monday S 7.23 10.08 3.27 20.58 S 1.05 1.83 1.26 4.14 S 1.35 2.34 1.17 4.86 S	18.81 OF STYI M 7.35 7.68 3.78 8.81 6.99 10.02 3.45 20.46 M 1.2 1.95 1.41 4.56 M 1.35 2.46 1.17 4.98 M	21 E # 5AW L 8.43 7.89 4.68 21 7.26 10.92 3.54 21.72 L 1.23 2.1 1.41 4.74 L 1.38 2.52 1.17 5.07 L	22.56 R5QEU0 9.57 8.22 4.22 5.07 XL 7.38 11.04 3.6 22.02 XL 1.35 5.07 XL 1.63 3.63 1.07 XL	22.23 EL 9.51 8.01 4.71 22.23 EL 6.63 10.02 3.57 20.22 EL 1.2 2.19 1.47 4.86 EL 1.57 1.47 6.81 EL	20.61 KL 9.06 7.2 20.61 KL 5.76 8.7 3.06 17.52 KL 1.11 2.13 1.44 4.68 KL 1.53 3.69 1.17 6.39 KL	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 12.5.68 10.17 48 TOTAL	COUNTRY COUNTRY UK COUNTRY UK COUNTRY US
.9-A-1969 .9-A-2143	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 10 10 10 10 10 10 10 10 10 10 10 1	1.95 1Y 0.63 1.02 0.3 1.95 1Y 3.96 5.19 1.11 10.26 1Y 0.51 0.99 0.39 1.89 1.89 1.89 1.89 1.95 1.97 1.11 0.63 2.31 1Y 0.36 3.36 1.95 1.11 1.05 0.359 1.97 1.11 0.55 0.35 2.31 1.97 0.36 2.31 1.97 0.36 2.31 1.97 0.36 1.97 0.37 0	2.46 2Y 0.75 1.29 0.42 2.46 3RD I 3RD I 2Y 1.29 13.77 2Y 0.99 1.5 0.48 2.97 2.97 0.78 1.62 0.72 3.12 2Y 0.72	2.85 2N XX 0.93 1.47 0.45 2.85 01 SHIPM XX 6.27 8.94 1.44 16.65 XX 1.08 1.62 0.54 3.24 XX 1.02 2.07 0.9 3.99 XX 0.72	3.69 DLOT SI XS 1.02 2.13 0.54 3.69 ENT DATE: XS 6.51 9.3 1.44 17.25 XS 1.62 0.54 3.21 XS 1.05 1.62 0.54 3.21 XS 1.02 2.19 0.9 4.11 XS 0.72	12.72 JMMARY S 4.5 5.31 2.91 12.72 Monday S 7.23 10.08 3.27 20.58 S 1.05 1.83 1.26 4.14 S 1.35 2.34 1.14 S 0.72 4.86 S 0.72	18.81 OF STYI M 7.35 7.68 3.78 8.81 9 10.02 3.45 20.46 M 1.2 1.95 1.41 4.56 M 1.35 2.46 1.17 4.98 M 0.72	21 E # 5AW L 8.43 7.89 4.68 21 7.26 10.92 3.54 21.72 L 1.23 2.1 1.41 4.74 L 1.38 2.52 1.17 5.07 L 0.072	22.56 R5QEU0 xL 9.57 8.22 4.22 5.07 XL 7.38 11.04 3.6 22.02 XL 1.35 5.07 XL 1.55 5.07 XL 1.63 1.04 3.63 1.04 3.63 1.04 3.63 1.04 3.65 XL 0.72 XL 0.75 XL 0.75 XL 0.75 XL 0.75 XL 0.75 XL 0.75 XL 0.75 XL 0.75 XL 0.75 XL 0.75 XL 0.75 XL 0.75 XL 0.75 XL 0.75 0.77 0.77	22.23 EL 9.51 8.01 4.71 22.23 EL 6.63 10.02 3.57 20.22 EL 2.19 1.47 4.86 EL 1.59 1.47 6.81 EL 0.72	20.61 KL 9.06 7.2 20.61 KL 5.76 8.7 3.06 17.52 KL 1.11 2.13 1.44 4.68 KL 1.53 3.69 1.75 6.39 KL 0.36	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 12.5 25.68 10.17 48 TOTAL 0 6.48	COUNTRY UK COUNTRY UK COUNTRY US COUNTRY
19-A-1969 19-A-2143	TOTAL COLOR 081 101 13C	1.95 1.95 1.95 1.02 0.3 1.95 1	2.46 2Y 0.75 1.29 0.42 2.46 3RD 1 2Y 5.28 7.2 1.29 1.37 1.29 1.37 0.99 1.5 0.48 2.97 0.99 1.5 0.48 2.97 0.78 1.62 0.72 3.12 2Y 0.72 0.72 0.72 0.72 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	2.85 2N XX 0.93 1.47 2.85 3.85 3.85 3.85 1.62 1.65 1.65 1.65 1.62 1.68 1.62 0.54 3.24 1.08 1.62 0.54 3.24 2.07 1.02 2.07 3.99 XX 0.0 0.72 0 0.72	3.69 DLOTS XS 1.02 2.13 0.54 3.69 ENTDATE: XS 6.51 9.3 1.44 17.25 XS 1.05 1.62 0.54 3.21 XS 1.02 2.19 0.9 4.11 XS 0.9 4.11 XS 0.9 4.11	12.72 JMMARY \$ 4.5 4.5 3.31 2.91 12.72 Monday \$ 7.23 10.08 3.27 20.58 \$ 1.05 1.83 1.26 4.14 4.14 \$ \$ 1.35 2.34 1.27 20.58 \$ 0.08 \$ 0.08 \$ 0.08 \$ 0.08 \$ 0.072 0.75 0.75	18.81 OF STYI M 7.35 7.68 3.78 18.81 , April 2 M 6.99 10.02 3.45 20.46 M 1.2 1.2 1.2 1.41 4.56 1.17 4.98 M 0.072 0 0.72	21 E # 5AW L 8.43 7.89 4.68 21 3,2024 1.7.26 10.92 3.54 21.7 2.1 1.41 4.74 L 1.23 2.1 1.41 4.74 L 1.38 2.52 1.17 5.07 L 0 0.72 0 0.72	22.56 /R50EU0 Xtl 9.57 8.22 4.77 22.56 Xtl 1.04 3.6 22.02 Xtl 1.35 2.22 1.5 5.07 Xtl 1.56 3.63 1.17 6.36 Xtl 0.072 0.72	22.23 EL 9.51 8.01 4.71 22.23 EL 1.0.02 70.22 20.22 EL 1.2 2.19 1.47 4.86 EL 1.59 4.05 1.17 6.81 EL 0.63 1.17 6.63 1.17 6.63 1.17 6.63 1.17 6.63 1.12 2.23 EL 1.2 2.19 2.12 2.19 2.	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.55 17.55 17.55 17.55 17.55 17.44 4.68 KL 1.11 2.13 1.44 4.68 KL KL 1.53 3.69 1.17 6.39 KL KL KL KL KL KL KL KL KL KL	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 12.15 25.68 10.17 48 TOTAL 0.17 48	COUNTRY UK COUNTRY UK COUNTRY US COUNTRY
19-A-1969 19-A-2143	TOTAL COLOR 081 101 13C COLOR 081 101 13C TOTAL COLOR 081 101 13C COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C COLOR 081 101 13C TOTAL COLOR 081 101 13C COLOR 081 101 13C TOTAL COLOR 081 100 10 10 10 10 10 10 10 10 10 10 10 1	1.95 1	2.46 2Y 0.75 1.29 0.42 2.46 3RD 1 2Y 5.28 7.2 1.29 1.37 1.29 1.5 0.48 2.97 2Y 0.78 1.62 0.72 0.72 0 0.72 0 0.72 0 2Y	2.85 2N XX 0.93 1.47 0.45 2.85 01 SHIPM XX 6.27 8.94 1.645 16.65 0.54 3.24 1.62 0.54 3.24 XX 1.02 2.07 0.9 3.99 XX 0 0.72 0 0.72 0 0.72 3X	3.69 DLOTSI XS 1.02 2.13 0.54 0.54 3.69 ENTDATE: XS 1.62 XS 1.62 0.54 3.21 0.54 3.21 0.54 3.21 0.54 3.21 0.54 3.21 0.54 3.21 0.54 0.54 3.21 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54	12.72 JMMARY S 4.5 5.31 2.91 2.72 Monday S 7.23 10.08 3.27 20.58 S 1.05 1.83 1.26 4.14 5 1.35 2.34 1.17 4.86 S 0.072 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72	18.81 OF STYI M M 7.35 7.68 3.78 18.81 , April 2 M 6.99 10.02 3.45 20.46 M 1.2 1.2 3.45 20.46 M 1.2 1.2 1.2 1.41 4.56 4.56 9 1.41 1.2 1.2 1.2 1.2 1.2 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0 0.72	21 E # 5AW L 8.43 7.89 4.68 21 3,2024 1.092 3.54 21.7 3.54 21.7 2.1 1.41 4.74 1.41 4.74 1.41 4.74 1.41 4.74 1.41 4.74 1.41 4.74 1.53 2.1 1.7 5.07 L 1.7 5.0	22.56 /R50EU0 Xtl 9.57 8.22 4.77 22.56 Xtl 1.04 3.6 22.02 Xtl 1.35 2.22 1.5 5.07 Xtl 1.56 3.63 1.17 6.36 Xtl 0 0.72 0 0.72 R50EU0 Xtl Xtl 0 Xtl Xtl 0 Xtl Xtl 0 Xtl Xtl 0 Xtl Xtl 0 Xtl Xtl 0 Xtl Xtl 0 Xtl 0 Xtl Xtl 0 Xtl 0 Xtl Xtl Xtl 0 Xtl Xtl Xtl Xtl Xtl Xtl Xtl Xtl	22.23 EL 9.51 8.01 4.71 22.23 EL 6.63 10.02 3.57 20.22 EL 1.2 2.19 1.47 4.86 4.86 5.7 20.22 EL 1.2 2.19 1.47 1.47 1.47 4.59 4.05 1.17 6.81 EL EL EL EL EL EL EL EL EL EL	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.52 KL 1.11 1.44 4.68 4.68 4.68 4.68 1.15 3.69 KL 0 0.36 0 0.36 KL	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 12.15 25.68 10.17 48 TOTAL 0 6.48 0 6.48 0	COUNTRY UK COUNTRY UK COUNTRY US COUNTRY
19-A-1969 19-A-2143 19-A-2158 19-F-1010	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C COLOR 081 101 10 10 10 10 10 10 10 10 10 10 10 1	1.95 1.05 1	2.46 2Y 0.75 1.29 0.42 2.46 3RD I 3RD I 3RD I 2Y 1.29 1.29 1.27 2Y 0.99 1.5 0.48 2.97 2Y 0.99 1.5 0.48 2.97 2.97 3.12 2.97 0.72 0.72 0.72 0.72 2.46 0.75 0.75 0.75 0.75 0.75 0.75 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.42 0.99 1.5 0.72 0.75 0.72 0.72 0.72 0.75 0.72 0.72 0.72 0.72 0.75 0.72 0.75 0.72 0.72 0.72 0.75 0.72 0.72 0.75 0.72 0.75 0.75 0.72 0.72 0.75 0.72 0.75 0.75 0.72 0.75 0.72 0.75 0.72 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00 000 0000000000	2.85 2N xx 0.93 0.45 2.85 3 3 3 4 4 1.47 0.45 2.85 3 3 4 4 1.44 1.66 5 4 3.24 xx 1.08 1.62 0.54 3.24 xx 1.08 1.62 0.54 3.24 xx xx 0.93 9 9 3.99 xx xx 0.72 0.0,72 0.72 3 8.37 xx xx 8.37 2.85 3.85 3.85 3.85 3.85 3.85 3.85 3.85 3	3.69 DLOT SI 1.02 2.13 0.54 3.69 ENT DATE: XS 6.51 9.3 1.44 17.25 XS 6.51 9.3 1.44 17.25 XS 1.05 1.62 0.54 3.21 XS 1.05 1.62 0.54 4.11 XS 0.54 0.57 2.19 0.9 4.11 XS 0.72 0 0 0.72 0 0 0.72 0 0 0.72 0 0 0.72 0 0 0 0.72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12.72 JMMARY 8 4.5 5.31 2.91 12.72 Monday 8 7.23 10.06 3.27 20.58 1.05 1.83 1.26 4.14 8 1.35 1.35 1.35 1.48 1.17 4.86 8 0 0.72 0 0.72 JMMARY 9.63 9.75 9.63 9.75 9.63 9.65 9.75 9.65 9.7	18.81 OF STYI M 7.35 7.68 3.78 18.81 1.8.81 0.02 3.45 20.46 M 1.2 1.95 1.41 4.56 M 1.2 1.95 1.41 4.56 M 0.02 2.46 1.17 4.98 M 0.0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72	21 E # 5AW L 8.43 7.89 4.68 21 7.26 10.92 1.23 2.1 1.41 4.74 L 1.23 2.1 1.41 4.74 L 1.38 2.52 1.17 5.07 L 0 0.72 0 0.72 E # 5AW	22.56 R5QEU0 xL 9.57 8.22 4.7.38 11.04 3.6 22.02 XL 1.35 2.22 XL 1.35 5.07 XL 1.55 5.07 XL 1.55 3.63 1.17 6.36 XL 0 0.72 0 0.72 R5QEU0 XL 10.29 10	22.23 EL 9.51 8.01 4.71 22.23 EL 6.63 10.02 3.57 20.22 EL 1.2 1.47 4.86 EL 9.42	20.61 KL 9.06 7.2 20.61 5.76 8.7 8.7 8.7 KL 1.11 2.13 1.44 4.68 KL 1.53 3.69 1.17 6.39 KL 0 0.36 0 0.36 KL 8.4	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.74 10.75 10.74 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.77 18.15 10.74 10.77 18.15 10.74 10.77 18.15 25.68 10.77 48 10.77 10.74 10.74 10.77 10.74 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.77 10.74 10.74 10.74 10.74 10.77 10.74 10.75 10	COUNTRY UK COUNTRY UK COUNTRY US COUNTRY Canada
19-A-1969 19-A-2143	TOTAL COLOR 081 101 13C COLOR 081 100 10 10 10 10 10 10 10 10 10 10 10 1	1.95 1.11 1.95 1.95 1.95 1.95 1.11 1.95 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95	2.46 2Y 0.75 1.29 0.42 2.46 3RD I 3RD I 2Y 5.28 7.2 1.29 1.27 2.47 0.99 1.5 0.48 2.97 2.47 0.99 1.5 0.48 2.97 2.97 0.42 2.46 0.75 1.29 0.99 1.5 0.42 2.46 0.75 1.29 0.99 1.5 0.42 2.7 0.99 1.5 0.42 2.7 0.99 1.5 0.42 2.7 0.99 1.5 0.42 2.7 0.99 1.5 0.42 2.7 2.7 0.99 1.5 0.42 2.7 0.99 1.5 0.42 2.7 0.99 1.5 0.42 0.97 0.42 0.99 1.5 0.42 0.97 0.42 0.99 1.5 0.42 0.72 0.72 0.072 0.75 0.72 0.75	2.85 2N XX 0.93 0.45 2.85 07 SHIPM XX 6.27 8.94 1.44 16.65 XX 1.08 1.62 0.54 3.24 XX 1.08 1.62 0.54 3.24 XX 1.02 0.54 3.24 XX 0.93 99 XX 0.0,72 0 0.72 0 0.72 3R XX 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72	3.69 DLOTSI 1.02 2.13 0.54 3.69 ENTDATE: XS 6.51 9.3 1.44 17.25 XS 1.05 1.62 0.54 3.21 XS 1.05 1.62 0.54 3.21 XS 1.05 1.62 0.54 3.21 XS 0.54 0.54 0.54 0.52 0.54 0.52 0.54 0.52 0.54 0.52 0.54 0.52 0.54 0.52 0.52 0.52 0.52 0.52 0.52 0.52 0.52	12.72 JMMARY 8 4.5 5.31 2.91 12.72 Monday 8 7.23 10.08 3.27 20.58 1.05 1.83 1.26 4.14 8 1.35 1.35 1.35 1.48 4.14 8 0 0.72 0 0.72 0.72 JMMARY 8 9.63 14.97 5.7 7.72 1	18.81 OF STYI M 7.35 7.68 3.78 8.81 9.002 3.45 20.46 M 1.2 1.95 1.41 4.56 M 1.2 1.95 1.41 4.56 M 0.072 0 0.72 0 0 0.72 0 0.72 0 0 0 0.72 0 0 0.72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 E # 5AW L 8.43 7.89 4.68 21 3.2024 1.23 2.1 1.41 4.74 1.23 2.1 1.41 4.74 L 1.38 2.52 1.17 5.07 L 0 0.72 0 0.72 E # 5AW L 9.87 16.26 6.12	22.56 R5QEU0 xL 9.57 8.22 4.22 7.38 1.04 3.6 22.02 XL 7.38 1.05 2.20 XL 7.38 1.05 2.20 XL 7.38 1.05 2.20 XL 7.38 1.05 2.20 XL 7.38 1.05 7.38 1.05 7.38 1.05 7.38 1.05 7.38 1.05 7.38 1.05 7.38 1.05 7.38 1.05 7.38 1.05 7.38 1.05 7.38 1.05 7.38 1.05 7.38 1.05 7.38 7.38 1.05 7.38 7.38 7.38 1.05 7.38 7.55 7.07 7.5 7.50	22.23 EL 9.51 8.01 4.71 22.23 EL 6.63 10.02 2.23 EL 1.2 2.19 1.47 4.86 EL 9.42 0.72 0 0.72 EL 9.42 1.6.98 6.21	20.61 KL 9.06 7.2 20.61 7.2 20.61 7.2 8.7 8.7 8.7 8.7 KL 1.11 1.14 4.68 KL 1.53 3.69 1.17 6.39 KL 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.5.67 8.7 8.4 8.4 8.4 8.5 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 10.17 48 TOTAL 0 6.48 0 6.48 TOTAL 86.19 141.72 46.38	COUNTRY UK COUNTRY UK COUNTRY US COUNTRY Canada
19-A-1969 19-A-2143 19-A-2158 19-F-1010	TOTAL COLOR 081 101 13C COLOR 081 101 13C TOTAL COLOR 081 101 13C COLOR 081 101 101	1.95 1.95	2.46 2Y 0.75 1.29 0.42 2.46 3RD 1 2Y 5.28 7.2 1.29 1.37 1.29 1.5 0.48 2.97 2.7 0.99 1.5 0.48 1.62 0.72 0.72 0 0.72 0 0.72 0 0.72 11.04 0 0 0 0 0 0 0 0 0 0 0 0 0	2.85 2N XX 0.93 1.47 0.45 2.85 01 SHIPM XX 6.27 8.94 1.645 16.65 0.54 3.24 1.62 0.54 3.24 1.62 0.54 3.24 0.0 2.07 0.9 3.99 XX 0 0.72 0.72	3.69 DLOTSI XS 1.02 2.13 0.54 0.54 3.69 ENTDATE: XS 1.62 XS 1.62 XS 1.62 0.54 3.21 0.54 3.21 0.54 3.21 0.54 3.21 0.9 0.9 4.11 XS 0 0.72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12.72 JMMARY S 4.5 5.31 2.91 2.72 Monday S 7.23 10.08 3.27 20.58 S 1.03 1.05 1.83 1.26 4.14 5 1.35 2.34 1.17 4.86 S 0.072 0 0.75 0 0.75 0 0.75 0 0.72 0 0.72 0 0.75 0 0.75 0 0.72 0 0.72 0 0.72 0 0.75 0 0.75 0 0.72 0 0.72 0 0.75 0 0.75 0 0.75 0 0.72 0 0.75 0 0.72 0 0.75 0 0.72 0 0.75 0 0.72 0 0.72 0 0.75 0 0.72 0 0.72 0 0.77 0 0.72 0 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18.81 OF STYI M M 7.35 7.68 3.78 18.81 , April 2 M 6.99 10.02 3.45 20.46 M 1.2 1.95 1.41 4.56 5.246 M 1.17 4.98 M 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72	21 E # 5AW L 8.43 7.89 4.68 21 3,2024 1.7,26 10.92 3.54 21.7 3.54 21.7 21.7 21.7 21.7 21.7 2.1 1.41 4.41 4.41 1.41 4.41 1.41 1.41 1.41 1.41 1.47 0 0.72 0 0 0.72 0 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 0 0 0.72 0 0 0.72 0 0.72 0 0 0 0 0 0 0 0 0 0 0 0 0	22.56 R50EU0 XI 9.57 8.22 4.77 22.56 XL 7.38 11.04 3.6 22.02 XL 1.35 2.22 1.5 5.07 XL 1.55 3.63 3.63 1.17 6.36 XL 1.55 3.63 1.17 6.36 XL 1.72 0 0.72 0 0.72 0 XL 1.04 XL 1.73 XL 1.73 XL 1.75 3.62 2.25 XL 1.75 3.62 2.25 XL 1.75 3.62 2.25 XL 1.75 3.62 2.25 XL 1.75 3.62 2.25 XL 1.75 3.62 2.25 XL 1.75 3.62 2.25 XL 1.75 3.62 3.62 3.62 3.62 3.62 3.62 3.62 3.62 3.62 3.62 3.63 3.62 3.62 3.63 3.62 3.63 3.62 3.63 3.63 3.63 3.62 3.63 3.62 3.63 3.72 0 3.72 0 7.22 7	22.23 EL 9.51 8.01 4.71 4.71 22.23 EL 6.63 10.02 3.57 20.22 EL 1.2 2.19 1.47 4.86 4.86 4.86 1.17 6.81 EL 0 0.72 0 0.72 EL 9.42 16.98	20.61 KL 9.06 7.2 4.35 20.61 KL 5.76 8.7 3.06 17.52 17.52 KL 1.11 1.44 4.48 4.68 7 KL 0 0.36 0 0.36 0 KL 8.7 KL 8.7 KL 8.7 KL 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7	128.88 10TAL 51.75 50.22 26.91 128.88 10TAL 63.27 91.41 25.77 180.45 10TAL 10.77 18.15 10.44 39.36 10.17 48 10.17 48 10.17 48 10.17 48 10.17 18.48 10.17 18.45 10.17 18.55 10.17 18.55 10.17 18.55 10.17 18.55 10.17 18.55 10.17 10.17 10.45 10.17 10.1	COUNTRY UK COUNTRY UK COUNTRY US COUNTRY Canada
19-A-1969 19-A-2143 19-A-2158 19-F-1010	TOTAL COLOR 081 101 13C COLOR 081 101 13C COLOR 081 101 13C TOTAL COLOR 081 100 10 13C TOTAL COLOR 081 100 10 10 10 10 10 10 10 10 10 10 10 1	1.95 1.95	2.46 2Y 0.75 1.29 0.42 2.46 3RD 1 2Y 5.28 7.2 1.29 1.5 0.49 1.57 0.49 1.57 0.49 1.57 0.49 1.57 0.49 1.29 1.57 0.49 1.29 1.27 0.99 1.57 0.48 2.46 0.99 1.57 0.49 0.57 0.49 0.57 0.49 0.57 0.49 0.57 0.49 0.57 0.49 0.57 0.49 0.57 0.49 0.57 0.48 0.72 0.75 0.72 0.74 0.74 0.75 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00 0.75 00	2.85 2N XX 0.93 1.47 0.45 2.85 01 SHIPM XX 6.27 8.94 1.44 16.65 XX 1.08 1.62 0.54 3.24 3.24 0.9 9 3.99 XX 0.7 0.9 3.99 XX 0.7 0.9 3.99 XX 0.7 0.9 3.99 XX 0.7 0.9 3.99 XX 0.7 0.9 3.99 XX 0.7 0.9 3.99 XX 0.7 0.9 3.99 XX 0.7 0.9 3.99 XX 0.93 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45	3.69 DLOT SI XS 1.02 2.13 3.69 EMI DATE: XS 6.51 9.3 1.44 17.25 XS 1.62 0.54 3.21 XS 1.62 0.54 3.21 XS 1.62 0.54 3.21 0.9 4.11 XS 0.9 0.9 4.11 XS 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54	12.72 JMMARY 8 4.5 5.31 2.91 2.91 12.72 Monday 8 7.23 10.08 3.27 20.58 8 1.05 1.83 1.26 4.14 5 1.35 2.34 1.17 4.5 0 0 0 0 7 2.3 1.17 20.58 5 1.83 1.26 4.14 5 1.17 1.1	18.81 OF STYI M M 7.68 7.68 3.78 3.78 18.81 M 6.99 10.02 3.45 20.46 M 1.2 1.95 1.41 4.56 M 1.2 1.95 1.41 4.56 0 0.72 0.7 0 0.72 0.7 0 0.72 0 0.72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 E # 5AW L 4.68 21 7.29 4.68 21 7.26 10.92 1.726 10.92 1.726 10.92 1.726 10.92 1.726 1.726 1.727 1.737 1.7 1.7 0 0.727 1.77 0 0.772 1.77 1	22.56 R5OEU0 XI 4.77 2.56 XL 7.38 11.04 3.6 22.02 XL 1.55 5.07 XL 1.56 3.63 1.17 6.36 XL 0 0.72 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 XL 1.56 3.63 1.17 1.56 3.63 1.17 1.56 3.63 1.17 1.56 3.63 1.17 1.56 3.63 1.17 1.56 3.63 1.17 1.56 3.63 1.17 1.56 3.63 1.17 1.56 3.63 1.17 1.56 3.63 1.17 1.56 3.63 1.17 1.56 1.22 1.57 1.5	22.23 FL 8.01 4.71 4.71 22.23 FL 6.63 10.02 3.57 20.22 FL 1.2 2.19 1.47 4.86 FL 1.59 4.05 1.17 6.81 1.17 6.91 1.17 6.91 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17 1.47 4.05 1.17	20.61 KL 9.06 7.2 4.35 20.61 XL 5.76 8.7 3.06 17.52 KL 1.11 1.44 4.68 7.2 KL 1.53 3.69 1.17 6.39 KL 0 0.36 0 0.36 0 0 0.36 KL 8.7 2.8.95 2.8.55 2.8.5	128.88 10TAL 51.75 50.22 26.91 128.88 10TAL 63.27 91.41 25.77 180.45 10TAL 10.77 18.15 10.44 39.36 10TAL 12.15 25.68 10.17 48 10TAL 0 6.48 0 6.48 0 141.72 46.38 274.29	COUNTRY UK COUNTRY UK COUNTRY US COUNTRY Canada
19-A-1969 19-A-2143 19-A-2158 19-F-1010	TOTAL COLOR 081 101 13C COLOR 081 100 10 10 10 10 10 10 10 10 10 10 10 1	1.95 1.11 1.95 1.95 1.95 1.95 1.11 1.95 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95 1.95 1.11 1.95	2.46 2Y 0.75 1.29 0.42 2.46 3RD I 3RD I 2Y 5.28 7.2 1.29 1.27 2.47 0.99 1.5 0.48 2.97 2.47 0.99 1.5 0.48 2.97 2.97 0.42 2.46 0.75 1.29 0.99 1.5 0.42 2.46 0.75 1.29 0.99 1.5 0.42 2.7 0.99 1.5 0.42 2.7 0.99 1.5 0.42 2.7 0.99 1.5 0.42 2.7 0.99 1.5 0.42 2.7 2.7 0.99 1.5 0.42 2.7 0.99 1.5 0.42 2.7 0.99 1.5 0.42 0.97 0.42 0.99 1.5 0.42 0.97 0.42 0.99 1.5 0.42 0.72 0.72 0.072 0.75 0.72 0.75	2.85 2N XX 0.93 0.45 2.85 07 SHIPM XX 6.27 8.94 1.44 16.65 XX 1.08 1.62 0.54 3.24 XX 1.08 1.62 0.54 3.24 XX 1.02 0.54 3.24 XX 1.02 0.57 3.99 XX 0 0.72 0 0.72 0 0.72 3R XX 3.84 XX 2.85 3.89 3.99 3.99 3.99 3.99 3.99 3.99 3.99	3.69 DLOTSI XS 1.02 2.13 0.54 3.69 ENTDATE: XS 6.51 9.3 1.44 17.25 XS 1.05 1.62 0.54 3.21 XS 1.05 1.62 0.54 3.21 XS 1.05 1.62 0.54 3.21 XS 0.54 2.19 0.9 4.11 XS 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72	12.72 S 4.5 5.31 2.91 12.72 Monday S 7.23 10.08 3.27 20.58 1.05 1.83 1.26 4.14 S 0.08 3.27 20.58 1.83 1.26 4.14 S 0.04 0.05 1.83 1.26 4.14 S 0.05 1.83 1.26 4.15 1.83 1.26 4.15 1.83 1.26 4.15 1.83 1.26 4.15 1.83 1.26 4.15 1.83 1.26 4.15 1.83 1.26 4.15 1.83 1.26 4.15 1.83 1.26 4.14 S 0.072 0.072 0.072 JMMARY S 0.63 14.97 5.72 30.33 1.272 1	18.81 OF STYI M 7.35 7.68 3.78 8.81 9.002 3.45 20.46 M 1.2 1.95 1.41 4.56 M 1.2 1.41 4.56 M 0.02 3.45 2.46 1.17 4.98 M 0.072 0 0.72 0.72	21 E # 5AW L 8.43 7.89 4.68 21 3.54 21 3.54 21.23 2.1 1.41 4.72 L 1.23 2.1 1.41 4.74 L 1.38 2.52 1.17 5.07 L 0 0.72 0 0.72 E # 5AW L 9.87 16.26 6.12 32.25	22.56 R5QEU0 xL 9.57 8.22 4.72 22.56 XL 7.38 1.36 22.02 XL 7.38 1.35 2.22 XL 7.38 1.35 2.22 XL 1.35 3.63 1.17 6.27 XL 1.56 XL 1.56 XL 1.57 3.63 1.17 1.02	22.23 EL 9.51 8.01 4.71 22.23 EL 6.63 10.02 2.23 EL 1.2 2.19 1.47 4.86 EL 9.42 0.72 0 0.72 EL 9.42 1.6.98 6.21	20.61 KL 9.06 7.2 20.61 7.2 20.61 7.2 8.7 8.7 8.7 8.7 KL 1.11 1.14 4.68 KL 1.15 1.17 6.39 KL 0 0.36 0 0.36 KL 8.4 8.4 8.4 8.4 8.4 8.4 8.5 6.7 6.5 7 8.7 8.7 8.7 8.7 8.7 8.7 8.7	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 10.17 48 TOTAL 0 6.48 0 6.48 TOTAL 86.19 141.72 46.38	COUNTRY UK COUNTRY UK COUNTRY US COUNTRY Canada
19-A-1969 19-A-2143 19-A-2158 19-F-1010	TOTAL COLOR 081 101 13C COLOR 081 101 13C TOTAL COLOR 081 14 14 14 14 14 14 14 14 14 14 14 14 14	1.95 1.11 1.05 1.95 1.11 1.05 1.95 1.11 1.05 1.95 1.11 1.05 1.05 1.11 1.05 1.05 1.11 1.06 3.2.31 1.95	2.46 2Y 0.75 1.29 0.42 2.46 3RD 2Y 5.28 7.2 1.29 1.37 2Y 0.99 1.5 0.48 2.97 2Y 0.78 0.72 0.72 0.72 0.72 0.72 2Y 7.05 11.05 11.05 12.05 12.05 12.05 12.9	2.85 2N XX 0.93 0.45 2.85 07 SHIPM XX 6.27 8.94 1.64 1.65 2.85 XX XX 1.08 1.62 0.54 3.24 XX XX 1.08 1.62 0.54 3.24 XX 0.93 0.72 0.73 0.72 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	3.69 DLOTSI XS 1.02 2.13 0.54 3.69 ENTDATE: XS 6.51 9.3 1.44 17.25 0.54 3.21 XS 1.05 1.62 0.54 3.21 XS 1.02 2.19 0.9 4.11 XS 0 0.72 0.72	12.72 JMMARY 8 4.5 5.31 2.91 12.72 Monday 8 7.23 10.08 3.27 20.58 1.05 1.83 1.26 4.14 S 1.35 1.57 3.63 1.486 S 0.072 0 0.72 0 0.72 0 0.72 0 0.72 0.07 0.72 0.07 0.72 0.07 0.72 0.07 0.72 0.07 0.72 0.07 0.72 0.07 0.72 0.07 0.72 0.75 0.57 0.5	18.81 OF STYI M 7.35 7.68 3.78 18.81 , April & M 6.99 10.02 3.45 20.46 M 1.2 1.95 1.41 1.41 1.41 1.45 6 1.41 1.45 6 0 0.72 0 0 0.72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 E # 5AW L S.43 7.89 4.68 21 7.26 10.92 3.54 21.72 1.23 2.1 1.41 4.74 L L 1.38 2.52 1.17 5.07 L 0 0.72 0 0.72 C E # 5AW L E # 5AW L	22.56 R5QEU0 xL 9.57 8.22 4.77 22.56 XL 7.38 11.04 3.6 22.02 1.5 5.07 XL 1.5 5.07 XL 1.5 6.36 XL 0 0.72 0 0.72 0 0.72 0 0.72 0 0.72 3.6 2.9 1.5 3.63 1.17 R5QEU0 XL 1.5 3.63 1.17 R5QEU0 XL XL 2.5 3.63 1.17 R5QEU0 XL XL 2.5 3.63 1.17 3.65 2.22 1.5 3.63 1.17 3.65 2.22 1.5 3.63 1.17 3.65 2.22 1.5 3.63 1.17 3.65 1.17 3.65 1.17 3.65 1.17 3.65 1.17 3.65 1.17 3.65 1.17 3.65 1.17 3.65 1.17 3.65 1.17 3.65 1.17 3.65 1.17 3.65 1.17 3.65 1.17 7.72 7.72 7.72 7.72 7.75	22.23 EL 9.51 9.51 9.51 4.71 22.23 EL 6.63 10.02 3.57 20.22 20.23 EL 1.2 2.19 1.47 4.86 EL 0.63 1.47 4.86 EL 0.02 0.72 0.72 0.72 1.17 6.81 EL 9.42 1.6,21 3.261 EL 9.42 1.6,21 3.261 EL 9.51 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.	20.61 KL 9.06 7.2 4.35 20.61 7.3 20.61 KL 5.76 8.7 3.06 17.52 17.52 KL KL KL KL KL KL KL KL KL KL	128.88 TOTAL 51.75 50.22 26.91 128.88 TOTAL 63.27 91.41 25.77 180.45 TOTAL 10.77 18.15 10.44 39.36 TOTAL 12.15 25.68 10.17 48 TOTAL 10.17 48 0 6.48 0 6.48 107AL 94.19 141,22 46.38 274.29 TOTAL	COUNTRY UK COUNTRY UK COUNTRY US COUNTRY Canada

We can see that 769.74 pcs extra we need to make after adding 3% for over shipment.

			G	RAND SU	MMARY	OF STYL	E # 5AW	R5QEU0				*
COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
081	8.25	11.4	13.86	14.58	20.79	24	25.41	27.03	25.26	22.92	193.5	
101	21.48	30.39	36.84	38.85	56.91	63.06	63.9	68.64	66.33	56.55	502.95	3
130	2.43	2.91	3.33	3.42	8.61	9.81	10.8	11.04	10.92	10.02	73.29	0
TOTAL	32.16	44.7	54.03	56.85	86.31	96.87	100.11	106.71	102.51	89.49	769.74	5

But as we know garments unit cannot be less than 1 pcs we need to remove all the decimal points from all the individual orders. As per this, our final production quantity will be -



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	NEWBORN'S/B L/S		VE <mark>N SHIRT</mark>	CONSTR		1	53X88/50			TH ORIGINA	WASH :	NORMAL WASH	ALON 4%ELASTANE
MISTAKES IN E	BULK PRODUCTIO	ON. IF YOU	FOUND ANY	SORT OF I	DISCREPEN	CY ON THE	INFORMATIO	ON AT-ONC	E PLEASE IN	FORM US; \	VE'LL STUD	Y AGAIN & HELP	TO RECTIFY. THAN
PO NUMBER	COLOR	1Y	2Y	XX	XS	Sunday	March	L	XL	EL	KL	TOTAL	COUNTRY
	081 101	2	3	4	4	6 15	6 16	6 16	6 15	5 14	4	46 123	
19-A-0779	130	0	0	0	0	0	0	0	0	0	0	0	ITALY
	TOTAL	8	11	15	16	21	22	22	21	19	14	169	
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081	0	0	0	0	0	0	0	0	0	0	0	
L9-A-0833	101 13C	5	8	9	9	11	11	12	13 0	13	12	103 0	Spain
	TOTAL	5	8	9	9	11	11	12	13	13	12	103	
	COLOR	1Y	2Y	xx	xs	S	м		XL	EL	KL	TOTAL	COUNTRY
	081	0	0	0	0	0	0	0	0	0	0	0	country
9-A-0835	101 13C	0	0	0	0	0	0	1	1	1	1	4	UK
	TOTAL	0	0	0	0	0	0	1	1	1	1	4	
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081 101	0	0	0	0	0	0	0	0	0	0	0 29	
L9-A-0836	101 13C	0	0	0	0	0	4	0 0	0	0	0	0	US
	TOTAL	0	0	0	0	2	4	5	6	6	6	29	
	COLOR 081	1Y	2Y	xx	XS	s 0	M	L	XL	EL	KL	TOTAL	COUNTRY
	101	0	0	0	0	6	6	0 4	0	0	0 4	0 30	
9-A-0924	130	0	0	0	0	0	0	0	0	0	0	0	Australia
	TOTAL	0	0	0	0	6	6	4	5	5	4	30	
	COLOR	1Y	2Y	15 XX	T LOT SU XS	JMMARY S	OF STYL M	E # 5AW	R5QEU0 XL	EL	KL	TOTAL	COUNTRY
	081	2	3	4	4	6	6	6	6	5	4	46	coontra
1ST LOT	101 13C	11 0	16 0	20	21 0	34	37	38	40	39 0	33	289	
	TOTAL	13	19	24	25	40	43	44	46	44	37	335	
			2ND L	OT SHIPM	ENT DATE:	Wednes	sday, Ap	ril 3, 20	24				
	COLOR 081	1Y 0	2Y 0	0 XX	XS 1	S	M 7	L 8	XL 9	EL 9	KL 9	TOTAL 47	COUNTRY
19-A-4187	101	1	1	1	2	5	7	7	8	8	7	47	Denmark
	13C TOTAL	0	0	0	0	2 11	3 17	4 19	4 21	4 21	4 20	21 115	
				2N	D LOT S	JMMARY	OF STYL	E # 5AW	R5QEU0				
	COLOR	1Y 0	2Y	XX 0	XS	S 4	M 7	L	XL 9	EL	KL 9	TOTAL	COUNTRY
2ND LOT	081 101	1	0	1	1	5	7	8	8	9	7	47	
	100000000000	-	0	0	0	2	3	4	4	4	4	21	
	130	0		1	3	11	17	19	21	21	20	115	
47	13C TOTAL	1	1					-					
	TOTAL	1	3RD L	OT SHIPM	ENT DATE:		y, April 8	3, 2024	XI	FL	KI	TOTAL	COUNTRY
	TOTAL COLOR 081	1 1Y 3	3RD L 2Y 5	OT SHIPM XX 6	ENT DATE: XS 6	5 7	M 6	L 7	XL 7	6	KL 5	TOTAL 58	COUNTRY
	TOTAL COLOR 081 101	1 1Y 3 5	3RD L 2Y 5 7	OT SHIPM XX	ENT DATE: XS 6 9	S 7 10	M 6 10	L	7 11	6 10	5 8	58 88	COUNTRY
	TOTAL COLOR 081	1 1Y 3	3RD L 2Y 5	OT SHIPM XX 6 8	ENT DATE: XS 6	5 7	M 6	L 7 10	7	6	5	58	
	TOTAL COLOR 081 101 13C TOTAL COLOR	1 1Y 3 5 1 9	3RD L 2Y 5 7 1 13 2Y	0T SHIPM XX 6 8 1 15 XX	ENT DATE: XS 6 9 1 16 XS	S 7 10 3 20 S	M 6 10 3 19 M	L 7 10 3 20 L	7 11 3 21 XL	6 10 3 19 EL	5 8 3 16 KL	58 88 22 168 TOTAL	
19-A-1969	TOTAL COLOR 081 101 13C TOTAL	1 1Y 3 5 1 9	3RD L 2Y 5 7 1 13	OT SHIPM XX 6 8 1 15	ENT DATE: XS 6 9 1 16	S 7 10 3 20	M 6 10 3 19	L 7 10 3	7 11 3 21	6 10 3 19	5 8 3 16	58 88 22 168	UK
9-A-1969	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C	1 3 5 1 9 1 Y 0 0 0	3RD L 2Y 5 7 1 1 13 2Y 0 1 1 0	0T SHIPM XX 6 8 1 15 XX 1 1 0	ENT DATE: XS 6 9 1 16 XS 1 1 1 0	S 7 10 3 20 S 1 1 1 1	M 6 10 3 19 M 1 1 1	L 7 10 3 20 L 1 2 1	7 11 3 21 XL 1 2 1	6 10 3 19 EL 1 2 1	5 8 3 16 KL 1 2 1	58 88 22 168 TOTAL 8 13 6	UK
19-A-1969	COLOR 081 101 13C TOTAL COLOR 081 101 13C 101 13C TOTAL	1 3 5 1 9 1 Y 0 0 0 0 0	3RD L 2Y 5 7 1 13 2Y 0 1 1 0 1	OT SHIPM XX 6 8 1 15 XX 1 1 0 2	ENT DATE: XS 6 9 1 1 6 XS 1 1 0 2	S 7 10 3 20 S 1 1 3	M 6 10 3 19 M 1 1 1 3	L 7 10 3 20 L 1 2 1 4	7 11 3 21 XL 1 2 1 4	6 10 3 19 EL 1 2 1 4	5 8 3 16 KL 1 2 1 4	58 88 22 168 TOTAL 8 13 6 27	uk Country uk
19-A-1969 19-A-2143	TOTAL COLOR 081 101 13C COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL	1 3 5 1 9 9 1 Y 0 0 0 0 0 1 Y	3RD 1 2Y 5 7 1 13 2Y 0 1 1 0 1 1 2Y	OT SHIPM XX 6 8 1 15 XX 1 1 0 2 XX	ENT DATE: XS 6 9 1 16 XS 1 1 0 2 XS	S 7 10 3 20 S 1 1 1 3 S	M 6 10 3 19 M 1 1 1 3 M	L 7 10 3 20 L 1 2 1 4 4	7 11 3 21 XL 1 2 1 4 XL	6 10 3 19 EL 1 2 1 4 EL	5 8 3 16 KL 1 2 1 4 KL	58 88 22 168 TOTAL 8 13 6 27 TOTAL	UK
19-A-1969 19-A-2143	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101	1 1Y 3 5 1 9 9 1Y 0 0 0 0 0 0 1 1 1	3RD L 2Y 5 7 1 13 2Y 0 1 0 1 2Y 0 1	OT SHIPM XX 6 8 1 15 15 1 1 0 2 2 XX 1 2	ENT DATE: XS 6 9 1 16 1 1 0 1 1 2 XS 2 2	S 7 10 3 20 S 1 1 3	M 6 10 3 19 M 1 1 1 3 3 M 1 2	L 7 10 3 20 L 1 2 1 4	7 11 3 21 1 2 1 4 4 XL 1 3	6 10 3 19 EL 1 2 1 4 EL 1 4	5 8 3 16 KL 1 2 1 4	58 88 22 168 TOTAL 8 13 6 27	UK COUNTRY UK COUNTRY
19-A-1969 19-A-2143	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081	1 3 5 1 9 0 0 0 0 0 0 0 1 Y 0	3RD L 2Y 5 7 1 1 3 2Y 0 1 1 0 1 2Y 0 0	OT SHIPM XX 6 8 1 1 5 XX 1 0 2 XX 1 1 0 2 XX 1	ENT DATE: XS 6 9 1 1 16 XS 1 1 0 2 2 XS 1	S 7 10 3 20 S 1 1 1 1 3 3 5 1	M 6 10 3 19 M 1 1 1 1 3 3 M 1	L 7 10 3 20 L 1 2 1 4 4 L 1	7 11 3 21 2 1 2 1 4 4 XL 1 3 1	6 10 3 19 EL 1 2 1 4 EL 1	5 8 3 16 KL 1 2 1 4 KL 1	58 88 22 168 TOTAL 8 13 6 27 TOTAL 8	UK COUNTRY UK
19-A-1969	TOTAL COLOR 081 101 13C TOTAL	1 1Y 3 5 1 9 0 0 0 0 0 1 1Y 0 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	3RD L 2Y 5 7 1 13 2Y 0 1 0 1 2Y 0 1 0 1 0 1 0 1 0 1	OT SHIPM XX 6 8 1 15 XX 1 0 2 XX 1 2 0 3	ENT DATE: XS 6 9 1 16 XS 1 0 2 XS 1 2 0 3	S 7 10 3 20 S 1 1 1 3 S 1 2 1 2 1 4	M 6 10 3 19 M 1 1 1 1 3 M 2 1 2 1 4	L 7 10 3 20 L 1 2 1 4 4	7 11 3 21 XL 1 2 1 4 XL 1 3 1 5	EL 10 3 19 EL 1 2 1 4 EL 1 4 1 6	5 8 3 16 KL 1 2 1 4 KL 3 1 5	58 88 22 168 13 6 27 TOTAL 8 27 TOTAL 8 22 6 36	UK COUNTRY UK COUNTRY US
9-A-1969 9-A-2143	TOTAL COLOR 081 101 13C TOTAL COLOR 081	1 1Y 3 5 1 9 0 0 0 0 0 1 1Y 0 1 1 1 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	3RD L 2Y 5 7 1 13 2Y 0 1 1 0 1 1 0 1 1 0 1 2Y 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0	OT SHIPM XX 6 8 1 15 XX 1 0 2 XX 2 0 3 3 XX 0	ENT DATE: XS 6 9 1 16 XS 1 1 0 2 XS 1 2 0 3 XS 0	S 7 10 3 20 S 1 1 3 20 S 1 1 3 2 1 4 S 0	M 6 10 3 19 M 1 1 1 1 1 2 1 1 2 1 4 4 M 0	L 7 10 3 20 L 1 2 1 4 4 4 4 0	7 11 3 21 1 2 1 1 2 1 3 1 3 1 5 5 XL 0	EL 1 10 3 19 EL 1 2 1 4 EL 1 4 EL 1 6 EL 0	5 8 16 1 1 2 1 4 4 8 1 3 1 5 5 8 1 0	58 88 22 168 10TAL 8 13 6 27 7 70TAL 8 22 6 36 36 70TAL 0	UK COUNTRY UK COUNTRY
9-A-1969 9-A-2143 9-A-2158	TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101 13C TOTAL COLOR 081 101	1 1Y 3 5 1 9 0 0 0 0 1 1 Y 0 1 1 Y 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	3RD L 2Y 5 7 1 13 2Y 0 1 0 1 2Y 0 1 0 1 2Y 0 1 2Y 0 0 1	OT SHIPM XX 6 8 1 1 5 7 XX 1 2 7 XX 1 2 0 3 3 XX 0 0 0	ENT DATE: XS 6 9 1 1 1 6 7 XS 1 1 2 0 3 3 XS 0 0 0 0 0	S 7 10 3 20 S 1 1 3 S 1 1 3 3 1 1 2 S 1 4 S 0 0	M 6 10 3 19 19 1 1 1 1 1 3 1 1 1 2 1 4 4 0 0	L 7 10 3 20 1 1 2 1 4 1 2 1 1 4 2 1 1 4 2 1 1 2 1 1 2 0 0 0	7 11 3 21 1 2 1 1 2 1 1 3 3 1 5 5 2 1 2 1 1 5 2 1 2 1 1 5 2 1 2 1 1 2 2 1 1 2 1 2	6 10 3 19 EL 1 1 2 1 1 4 5 1 4 1 6 6 EL 0 0 0	5 8 3 16 1 2 1 1 4 5 5 5 5 5 6 0 0	58 88 22 168 TOTAL 8 36 27 TOTAL 8 22 6 36 36 TOTAL 0 0	UK COUNTRY UK COUNTRY US
9-A-1969 9-A-2143 9-A-2158	TOTAL COLOR 081 101 13C TOTAL COLOR 081	1 1Y 3 5 1 9 0 0 0 0 0 1 1Y 0 1 1 1 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	3RD L 2Y 5 7 1 13 2Y 0 1 1 0 1 1 0 1 1 0 1 2Y 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0	OT SHIPM XX 6 8 1 15 XX 1 0 2 XX 2 0 3 3 XX 0	ENT DATE: XS 6 9 1 16 XS 1 1 0 2 XS 1 2 0 3 XS 0	S 7 10 3 20 S 1 1 3 20 S 1 1 3 2 1 4 S 0	M 6 10 3 19 M 1 1 1 1 1 2 1 1 2 1 4 4 M 0	L 7 10 3 20 L 1 2 1 4 4 4 4 0	7 11 3 21 1 2 1 1 2 1 3 1 3 1 5 5 2 1 3 0	EL 1 10 3 19 EL 1 2 1 4 EL 1 4 EL 1 6 EL 0	5 8 16 1 1 2 1 4 4 8 1 3 1 5 5 8 1 0	58 88 22 168 10TAL 8 13 6 27 7 70TAL 8 22 6 36 36 70TAL 0	UK COUNTRY UK COUNTRY US COUNTRY
9-A-1969 9-A-2143 9-A-2158	TOTAL COLOR 081 101 13C TOTAL	1 1Y 3 5 1 9 0 0 0 0 0 1 1Y 0 1 1 1Y 0 0 0 0 0 0 0 0 0 0 0 0 0	3RD L 2Y 5 7 1 13 2Y 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0	OT SHIPM XX 6 8 1 15 XX 1 0 2 XX 1 2 0 3 XX 0 0 0 0 3 R	ENT DATE: XS 6 9 1 16 XS 1 1 0 2 0 3 XS 0 0 0 0 0 0 0 0 0 0 0 0 0	S 7 10 3 20 S 1 1 3 S 1 2 1 3 S 1 4 S 0 0 0 0 0 0 0 0 0	M 6 10 3 19 9 M 1 1 1 1 1 3 3 M 1 2 2 1 4 4 0 0 0 0 0 0 0 5 57YI	L 7 10 3 20 20 20 20 1 1 2 1 1 4 4 2 1 1 2 4 4 0 0 0 0 0 0 E # SAW	7 11 3 21 XL 1 2 1 4 4 7 XL 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 10 3 19 EL 1 2 1 4 EL 1 4 EL 0 0 0 0 0 0	5 8 3 16 1 1 2 1 1 4 4 1 3 3 1 5 5 5 5 5 1 6 0 0 0 0 0	58 88 22 168 168 13 6 27 27 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	UK COUNTRY UK COUNTRY US COUNTRY Canada
19-A-1969 19-A-2143	TOTAL COLOR 081 101 13C COLOR 081 101 13C TOTAL	1 1Y 3 5 1 1 9 0 0 0 0 0 1 1 9 0 0 0 0 1 1 9 0 0 0 0 0 0 0 0 0 0 0 0 0	3RD L 2Y 5 7 7 1 13 2Y 0 1 1 0 1 1 0 1 1 2Y 0 0 1 1 0 1 1 2Y 0 0 0 0 0 0 2Y	OT SHIPM XX 6 8 1 1 5 7 XX 1 1 0 2 2 7 XX 1 2 0 3 3 7 XX 0 0 0 0 0 0 3 R XX	ENT DATE: XS 6 9 1 1 16 7 XS 1 1 2 0 3 3 XS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S 7 10 3 20 1 1 1 1 1 1 1 1 3 5 1 2 1 4 5 0	M 6 10 3 1 1 1 1 1 1 1 3 3 M 1 1 1 3 3 M 1 1 2 1 1 4 4 0 0 0 0 0 0 0 0 5 771	L 7 10 3 20 1 1 2 1 1 4 1 1 4 2 1 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 11 3 21 XL 1 2 1 4 4 5 XL 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 XL	6 10 3 19 EL 1 2 1 2 4 EL 0 0 0 0 0 0 0 0 0 0 0 0	5 8 3 16 1 2 1 2 1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	58 88 22 168 TOTAL 8 13 6 27 TOTAL 8 27 TOTAL 8 22 6 6 36 7 0 0 0 0 0 0	UK COUNTRY UK COUNTRY US COUNTRY
19-A-1969 19-A-2143 19-A-2158	TOTAL COLOR 081 101 13C TOTAL	1 1Y 3 5 1 9 0 0 0 0 0 1Y 0 1 1 0 0 1 1 Y 0 0 0 0 0 0 0 0 0 0 0 0 0	3RD L 2Y 5 7 1 13 2Y 0 1 1 0 1 1 0 1 1 2Y 0 0 1 1 1 0 0 1 1 2Y 0 0 1 1 2 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	OT SHIPM XX 6 8 1 1 5 7 XX 1 1 2 7 XX 1 2 0 3 3 XX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ENT DATE: XS 6 9 9 1 1 1 6 1 1 1 0 2 2 5 5 1 1 2 0 3 3 5 5 6 9 9 1 1 1 2 2 0 3 3 5 5 6 9 9 1 1 1 6 9 9 9 1 1 1 6 9 9 9 1 1 1 6 9 9 9 1 1 1 1	S 7 10 3 20 1 1 1 3 S 1 2 1 4 S 0 0 0 0 0 0 13	M 6 10 3 19 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	L 7 10 3 20 20 20 1 1 2 1 1 4 4 2 1 1 4 4 2 1 1 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 11 3 21 2 1 1 2 4 4 3 1 5 5 8 8 0 0 0 0 0 0 0 0 0 8 5 0 8 0 0 0 0	6 10 3 19 EL 1 2 1 4 4 1 4 1 6 EL 0 0 0 0 0 EL 8 16	5 8 3 1 6 1 1 2 1 1 4 4 5 5 8 8 0 0 0 0 0 0 0 0 0 0 0 1 3	58 88 22 168 22 168 13 6 27 TOTAL 8 22 6 36 TOTAL 0 0 0 0 0 10 10 12 22 10 13 13 13 13 13 13 13 13 13 13	UK COUNTRY UK COUNTRY US COUNTRY Canada
9-A-1969 9-A-2143 9-A-2158 19-F-1010	TOTAL COLOR 081 101 13C COLOR 081 101 13C TOTAL	1 1Y 3 5 1 9 0 0 0 0 1 1 1 9 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	3RD L 2Y 5 7 1 1 3 2Y 0 1 1 0 1 1 2Y 0 1 1 0 0 1 1 2Y 0 0 1 1 2 2Y 5 9 9 1	OT SHIPM XX 6 8 1 1 5 XX 1 1 2 2 XX 1 2 2 0 3 3 XX 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1	ENT DATE: XS 6 9 1 1 6 7 XS 1 1 0 2 2 0 1 1 2 0 3 3 7 XS 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 2 2 1 1 2 2 1 1 2 2 3 3 3 2 2 1 1 1 1	S 7 10 3 20 S 1 1 3 S 1 2 1 3 S 1 4 S 0	M 6 10 3 19 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	L 7 10 3 20 1 1 2 1 4 1 1 4 1 1 4 2 1 1 4 4 1 2 1 1 4 4 1 2 1 1 4 4 1 2 1 5 5	7 11 3 21 XL 1 2 4 XL 1 3 3 1 5 5 XL 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 10 3 19 EL 1 2 1 4 4 EL 1 6 EL 0 0 0 0 0 EL 8 16 5	5 8 3 3 1 6 KL 1 2 4 4 5 KL 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	58 88 22 168 10TAL 8 13 6 27 7 10TAL 8 22 6 6 36 36 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 34	UK COUNTRY UK COUNTRY US COUNTRY Canada
9-A-1969 9-A-2143 9-A-2158 19-F-1010	TOTAL COLOR 081 101 13C TOTAL	1 1Y 3 5 1 9 0 0 0 0 0 1Y 0 1 1 0 0 1 1 Y 0 0 0 0 0 0 0 0 0 0 0 0 0	3RD L 2Y 5 7 1 13 2Y 0 1 1 0 1 1 0 1 1 2Y 0 0 1 1 1 0 0 1 1 2Y 0 0 1 1 2 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	OT SHIPM XX 6 8 1 1 5 7 XX 1 1 2 0 0 3 3 XX 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ENT DATE: XS 6 9 1 1 1 0 2 XS 1 1 2 0 3 3 XS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S 7 10 3 2 1 1 3 S 1 1 3 S 1 4 S 0 13 5 27	M 6 10 3 10 3 1 1 1 1 1 1 1 3 3 1 1 1 1 1 1	L 7 10 3 2 2 1 1 2 1 1 4 4 1 2 1 1 4 2 1 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 111 3 21 21 2 1 2 1 4 4 5 5 7 8 8 8 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 10 3 19 EL 1 2 1 4 4 1 4 1 6 EL 0 0 0 0 0 EL 8 16	5 8 3 1 6 1 1 2 1 1 4 4 5 5 8 8 0 0 0 0 0 0 0 0 0 0 0 1 3	58 88 22 168 22 168 13 6 27 TOTAL 8 22 6 36 TOTAL 0 0 0 0 0 10 10 12 22 10 13 13 13 13 13 13 13 13 13 13	UK COUNTRY UK COUNTRY US COUNTRY Canada
9-A-1969 9-A-2143 9-A-2158 9-A-2158	TOTAL COLOR 081 101 13C TOTAL	1 1Y 3 5 1 9 0 0 0 0 0 1Y 0 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	3RD L 2Y 5 7 1 1 3 2Y 0 1 1 0 1 1 0 1 1 2Y 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 2Y 2Y 2Y	OT SHIPM XX 6 8 1 1 5 7 XX 1 1 2 0 3 3 7 XX 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ENT DATE: XS 6 9 9 1 1 16 1 1 1 0 2 1 1 2 0 3 3 3 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S 7 10 3 20 S 1 1 3 S 1 2 1 3 S 0 13 5 27 MMARY 0	M 6 10 3 19 9 M 1 1 1 1 3 3 M 1 1 2 1 1 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	L 7 10 3 2 2 1 1 2 1 1 4 4 2 1 1 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 11 3 21 XL 1 2 1 4 XL 1 3 1 5 XL 0 0 0 0 0 0 0 0 0 0 0 0 0	6 10 3 19 EL 1 2 1 4 EL 1 4 4 1 6 EL 0 0 0 0 0 0 0 0 0 EL 1 1 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2	5 8 3 3 1 6 1 2 1 4 4 5 5 5 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	58 88 22 168 TOTAL 8 13 6 27 TOTAL 8 22 6 36 36 TOTAL 74 123 34 231 TOTAL	UK COUNTRY UK COUNTRY US COUNTRY Canada
9-A-1969 9-A-2143 9-A-2158 19-F-1010	TOTAL COLOR 081 101 13C TOTAL	1 1Y 3 5 1 9 0 0 0 0 0 1 1 0 1 1 0 0 1 1 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	3RD L 2Y 5 7 1 1 13 2Y 0 1 1 0 1 1 2Y 0 1 1 2 2Y 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 5 5 7 7 1 1 1 3 7 7 7 7 7 7 7 7 7 1 1 1 3 7 7 7 7	OT SHIPM XX 6 8 1 1 5 XX 1 1 0 2 XX 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0	ENT DATE: XS 6 9 1 1 6 7 XS 1 1 0 2 2 7 XS 1 1 2 2 0 0 3 3 7 XS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S 7 10 3 20 S 1 1 3 S 1 1 3 S 1 3 S 0 1 3 3 3 3 1 1 1 1 1 1	M 6 10 3 19 M 1 1 1 1 1 3 3 M 1 1 2 1 1 4 4 0 0 0 0 0 0 0 5 5 7 7 1 8 0 0 0 0 0 0 0 0 0 0 0 0 5 5 7 7 19 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	L 7 10 3 2 1 1 2 1 4 L 1 1 2 1 4 L 0 0 0 0 0 E # 5AW E # 5AW	7 11 3 21 XL 1 2 4 4 4 4 1 1 3 5 5 XL 0 0 0 0 0 0 0 8 5 5 8 5 8 5 8 5 8 5 8 5	6 10 3 19 EL 1 2 1 4 4 EL 1 1 6 EL 0 0 0 0 0 EL 8 165 29 29	5 8 3 3 16 1 2 2 4 4 4 1 1 3 1 5 5 5 5 5 1 1 5 5 5 1 1 7 7 1 3 5 5 25	58 88 22 168 TOTAL 8 13 6 27 TOTAL 8 22 6 6 36 TOTAL 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	UK COUNTRY UK COUNTRY Canada COUNTRY

We can see that actually 681 pcs extra is enough to make after 3% over shipment. Which is 769.74 -681 = 88.74 pcs less than the average calculation.



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				1.02.000	1		OF STYL						-
	COLOR	1Y	2Y	ХХ	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
-	081	5	8	12	13	19	21	23	24	22	20	167	-
-	101	18	26	32	35	52	57	59	64	63	53	459	-
-	13C	1	1	1	1	7	8	9	9	9	9	55	-
1	TOTAL	24	35	45	49	78	86	91	97	94	82	681	
w we wi style:	5AW	R5QE	UO	FAB	RIC CODE:		age cal	culation	on-				ON 4%ELASTANE
AR ALL CONCERN	NEWBORN'S/E	U'RE REQU	ESTED TO C	ROSS CHEC	K THIS SIZI	E & COLOR-	53X88/50	TITY BREAK	DOWN WIT	TH ORIGINA	L PO SHEET	MENTIONED QUA	NTITY TO PREVENT
		ON. IF YOU		OT SHIPM	ENT DATE:			N AT-ONCE		FORM US; V	VE'LL STUDY		O RECTIFY. THANKS
PO NUMBER	COLOR 081	1Y 1.7	2Y 2.36	XX 3	XS 3.28	5 4	M 4.2	L 4.18	4.2	EL 3.74	KL 3.22	TOTAL 33.88	COUNTRY
19-A-0779	101 13C	4.2	5.96 0	7.72	8.32	10.44 0	11.08 0	11.24 0	10.66 0	9.44 0	7.22	86.28	ITALY
	TOTAL	5.9	8.32	10.72	11.6	14.44	15.28	15.42	14.86	13.18	10.44	120.16	
	COLOR	1Y	2Y	ХХ	XS	S	м	E	XL	EL	KL	TOTAL	COUNTRY
	081	0.02	0.04	0.04	0.04	0	0	0	0 9.06	0 9.24	0 8.18	0.14 71.56	
19-A-0833	13C	0	0	0	0	0	0	0	0	0	0	0	Spain
	TOTAL	3.92	5.44	6.22	6.2	7.52	7.82	8.1	9.06	9.24	8.18	71.7	
	COLOR	17	2Y	xx	XS	S	м		XL	EL	KL	TOTAL	COUNTRY
	081	0	0	0	0	0	0	0	0	0	0	0	COUNTRY
19-A-0835	101 13C	0.32	0.44	0.48	0.48	0.66	0.66	0.68	0.78	0.74	0.74	5.98	UK
	TOTAL	0.32	0.44	0.48	0.48	0.66	0.66	0.68	0.78	0.74	0.74	5.98	
	COLOR	1Y	2Y	xx	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081 101	0.12	0.16	0	0	0 1.44	0 3.06	0 3.34	0 4.26	0 4.24	0 4.06	0 21.08	
19-A-0836	13C	0	0	0	0	0	0	0	0	0	0	0	US
	TOTAL	0.12	0.16	0.2	0.2	1.44	3.06	3.34	4.26	4.24	4.06	21.08	
	COLOR	1Y	2Y	xx	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
19-A-0924	081 101	0	0.08	0.1	0.1	0.44	0.54 4.2	0.56	0.58	0.48 3.9	0.42	3.02 22.44	Australia
19-A-0924	13C TOTAL	0	0	0	0.1	0 4.8	0	0 3.7	0 4.36	0 4.38	0	0 25.46	Australia
	IUIAL	U	0.08							4.30	3.2	23.40	
	COLOR	1Y	2Y	15 XX	T LOT SU XS	MMARY	OF STYL	E # 5AW	R5QEU0 XL	EL	KL	TOTAL	COUNTRY
	081	1.72	2.4	3.04	3.32	4.44	4.74	4.74	4.78	4.22	3.64	37.04	COUNTRY
1ST LOT	101 13C	8.54 0	12.04 0	14.68 0	15.26 0	24.42	26.82 0	26.5 0	28.54 0	27.56 0	22.98 0	207.34 0	
	TOTAL	10.26	14.44	17.72	18.58	28.86	31.56	31.24	33.32	31.78	26.62	244.38	
			2ND L	OT SHIPM	ENT DATE:	Wedne	sday, Ap	ril 3, 202	24				
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
19-A-4187	081	0.42	0.5	0.62	0.68	3 3.54	4.9 5.12	5.62 5.26	6.38 5.48	6.34 5.34	6.04 4.8	34.5 33.48	Denmark
19-A-4187	13C TOTAL	0.2	0.28	0.3	0.36	1.94 8.48	2.52 12.54	3.12 14	3.18 15.04	3.14 14.82	2.9 13.74	17.94 85.92	Denmark
Į.	IUIAL	1.5	1.01							11.02	13.74	03.92	
~	COLOR	17	2Y	2N XX	D LOT SU	JMMARY S	OF STYL	E # 5AW	R5QEU0	EL	KL	TOTAL	COUNTRY
	081	0.42	0.5	0.62	0.68	3	4.9	5.62	6.38	6.34	6.04	34.5	COUNTRY
2ND LOT	101 13C	0.68	0.86	0.98	1.42	3.54	5.12 2.52	5.26 3.12	5.48	5.34 3.14	4.8 2.9	33.48 17.94	
	TOTAL	1.3	1.64	1.9	2.46	8.48	12.54	14	15.04	14.82	13.74	85.92	
			3RD L	OT SHIPM	ENT DATE:	Monday	, April 8	, 2024					
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
10-0 10-0	081 101	2.64 3.46	3.52 4.8	4.18 5.96	4.34 6.2	4.82 6.72	4.66 6.68	4.84 7.28	4.92 7.36	4.42 6.68	3.84 5.8	42.18 60.94	UK
19-A-1969	13C TOTAL	0.74	0.86 9.18	0.96	0.96	2.18	2.3 13.64	2.36 14.48	2.4 14.68	2.38 13.48	2.04	17.18 120.3	UK
1	COLOR 081	1Y 0.34	2Y 0.66	XX 0.72	XS 0.7	S 0.7	M 0.8	L 0.82	XL 0.9	EL 0.8	KL 0.74	TOTAL 7.18	COUNTRY
19-A-2143	101	0.66	1	1.08	1.08	1.22	1.3	1.4	1.48	1.46	1.42	12.1	UK
	13C TOTAL	0.26	0.32	0.36	0.36	0.84	0.94 3.04	0.94 3.16	1 3.38	0.98	0.96	6.96 26.24	
	COLOR	11	2Y		XS	S	м		XL	EL	KL	TOTAL	COUNTRY
	COLOR 081	1Y 0.38	0.52	XX 0.68	0.68	5 0.9	M 0.9	L 0.92	1.04	EL 1.06	KL 1.02	8.1	COUNTRY
19-A-2158	101 13C	0.74	1.08 0.48	1.38 0.6	1.46 0.6	1.56	1.64 0.78	1.68	2.42 0.78	2.7 0.78	2.46 0.78	17.12 6.78	US
	TOTAL	1.54	2.08	2.66	2.74	3.24	3.32	3.38	4.24	4.54	4.26	32	
	COLOR	1Y	2Y	xx	xs	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081	0	0	0	0	0	0	0	0	0	0	0	
19-F-1010	101 13C	0.24	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.24	4.32 0	Canada
	TOTAL	0.24	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.24	4.32	
				3R	D LOT SU	JMMARY	OF STYL	E # 5AW	R5QEU0				
	COLOR 091	1Y	2Y	XX	XS	S	м	L	XL	EL 6.28	KL 5.6	TOTAL 57.46	COUNTRY
3RD LOT	081 101	3.36 5.1	4.7 7.36	5.58 8.9	5.72 9.22	6.42 9.98	6.36 10.1	6.58 10.84	6.86 11.74	6.28 11.32	5.6 9.92	57.46 94.48	
	13C TOTAL	1.42 9.88	1.66 13.72	1.92 16.4	1.92 16.86	3.8 20.2	4.02 20.48	4.08 21.5	4.18 22.78	4.14 21.74	3.78 19.3	30.92 182.86	
	AL	2.00								~~~ 1		202.00	
			1		XS XS	MMARY	OF STYLE	# 5AWF	XL XL	EL	KL	TOTAL	COUNTRY
	COLOR	11	27										
	COLOR 081 101	1Y 5.5 14.32	2Y 7.6 20.26	XX 9.24 24.56	9.72	13.86 37.94	M 16 42.04	16.94 42.6	18.02 45.76	16.84 44.22	15.28 37.7	129 335.3	COUNTRY

We can see that 513.16 pcs extra we need for wastage.



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GRAND SUMMARY OF STYLE # 5AWR5QEU0 with 2% COLOR 1Y 2Y XX XS S M XL EL KL TOTAL COUNTRY ι 129 081 5.5 7.6 9.24 9.72 13.86 16 16.94 18.02 16.84 15.28 101 14.32 20.26 24.56 25.9 37.94 42.04 42.6 45.76 44.22 37.7 335.3 130 1.94 2.22 2.28 5.74 6.54 7.2 7.36 7.28 48.86 1.62 6.68 TOTAL 21.44 64.58 66.74 71.14 68.34 59.66 513.16 29.8 36.02 37.9 57.54

But as we know garments cannot be less than 1 pcs we need to remove all the decimal points from all the individual orders. As per this, our wastage quantity will be –

STYLE: ESCRIPTION:	5AW NEWBORN'S/E	R5QE			RIC CODE: UCTION:		53X88/50	XN50/PU2	0			NORMAL WASH	LON 4%ELASTANE
AR ALL CONCERI Y MISTAKES IN	NED PERSON, YO BULK PRODUCTI	OU'RE REQU ON. IF YOU	ESTED TO C	CROSS CHEC	K THIS SIZ	e & Color- Cy on the	WISE QUAN	TITY BREAD	KDOWN WIT E PLEASE IN	TH ORIGIN FORM US;	IAL PO SHEE WE'LL STU	T MENTIONED QU DY AGAIN & HELP	JANTITY TO PREVEN TO RECTIFY. THAN
						Sunday	, March	17, 2024					
PO NUMBER	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081 101	1 4	2	3	3	4	4	4	4	3	3	31 82	
19-A-0779	130	0	0	0	0	0	0	0	0	0	0	0	ITALY
	TOTAL	5	7	10	11	14	15	15	14	12	10	113	
	COLOR	1Y	2Y	XX	XS	S	м	5 B	XL	EL	KL	TOTAL	COUNTRY
	081	0	0	0	0	0	0	0	0	0	0	0	00011111
19-A-0833	101	3	5	6	6	7	7	8	9	9	8	68	Spain
	13C TOTAL	0	0	0 6	0	0	0	0	0	0	0	0 68	
	TOTAL	3	3					U				00	
	001.00	434		201	240	-						TOTAL	00111177014
	COLOR 081	1Y 0	2Y 0	0	XS	S 0	0	0	XL 0	EL	KL 0	TOTAL	COUNTRY
19-A-0835	101	0	0	0	0	0	0	0	0	0	0	0	UK
1) A 0035	130	0	0	0	0	0	0	0	0	0	0	0	UR
	TOTAL	0	0	0	0	0	0	0	0	0	0	0	
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081	0	0	0	0	0	0	0	0	0	0	0	
19-A-0836	101 13C	0	0	0	0	1	3	3	4	4	4	19 0	US
	TOTAL	0	0	0	0	1	3	3	4	4	4	19	
					N.C.							707-11	
	COLOR 081	1Y 0	2Y 0	0	XS 0	<u>s</u>	M 0	L 0	XL 0	EL	KL 0	TOTAL	COUNTRY
10-0-0024	101	0	0	0	0	4	4	3	3	3	2	19	Australi-
19-A-0924	13C	0	0	0	0	0	0	0	0	0	0	0	Australia
2	TOTAL	0	0	0	0	4	4	3	3	3	2	19	
				15	T LOT SU	MMARY	OF STYL	E # 5AW	R5QEU0				
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
1ST LOT	081	1 7	2	3	3	4	4	4	4	3	3	31	
151 101	101 13C	0	10	13	14	22	0	0	26	25	21	188	
	TOTAL	8	12	16	17	26	29	29	30	28	24	219	
								11 0 00				1	
0	COLOR	1Y	2ND L 2Y	XX	XS	Wedne	sday, Ap	ril 3, 20	24 XL	EL	KL	TOTAL	COUNTRY
	081	0	0	0	0	3	4	5	6	6	6	30	COUNTRY
19-A-4187	101	0	0	0	1	3	5	5	5	5	4	28	Denmark
	13C TOTAL	0	0	0	0	1 7	2	3	3	3	2	14 72	
l.													
			1					E # 5AW			1		
	COLOR 081	1Y 0	2Y 0	0	XS 0	<u>5</u> 3	M 4	5	XL 6	EL 6	KL 6	TOTAL 30	COUNTRY
2ND LOT	101	0	0	0	1	3	5	5	5	5	4	28	
	13C	0	0	0	0	1	2	3	3	3	2	14	
	TOTAL	0	0	0	1	7	11	13	14	14	12	72	
			3RD L	OT SHIPM	ENT DATE:	Monday	y, April (3, 2024					
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081	2	3	4	4	4	4	4	4 7	4	3	36 55	
19-A-1969	130	0	0	0	0	2	6	2	2	2	2	12	UK
	TOTAL	5	7	9	10	12	12	13	13	12	10	103	
	00:00			101	Yo	-			¥.			TOTAL	
	COLOR 081	1Y 0	2Y 0	XX 0	XS 0	S 0	M 0	0	XL 0	EL	KL 0	TOTAL	COUNTRY
19-A-2143	101	0	1	1	1	1	1	1	1	1	1	9	UK
	13C TOTAL	0	0	0	0	0	0	0	1 2	0	0	1 10	
1	IUTAL	U	1	1	1	1	1	1	2	1	1	10	
	COLOR	1Y	2Y	XX	XS	S	м	L	XL	EL	KL	TOTAL	COUNTRY
	081	0	0	0	0	0	0	0	1 2	1 2	1 2	3	
19-A-2158	101 13C	0	0	0	0	1	1	0	0	0	0	12	US
		0	1	1	1	1	1	1	3	3	3	15	
	TOTAL		24	vv	YE	-			Y!	F1		TOTAL	COUNTRY
			24	0	0	0	0	0	0	EL O	0	TOTAL	COUNTRY
	COLOR	1Y 0	0			0	0	0	0	0	0	0	Canada
19-F-1010	COLOR 081 101	1Y 0 0	0	0	0			0	0	0	0	0	Lundud
19-F-1010	COLOR 081 101 13C	0	0	0	0	0	0	C					
19-F-1010	COLOR 081 101	0	0	0		0	0	0	0	0	0	-	
19-F-1010	COLOR 081 101 13C TOTAL	0	0	0 0 0 3R	0 0 D LOT SU	0 JMMARY	OF STY	E # 5AW	R5QEU0				
19-F-1010	COLOR 081 101 13C TOTAL	0 0 0	0 0 0	0 0 3R XX	0 0 D LOT SU XS	0 JMMARY S	OF STYL	E # 5AW	R5QEU0 XL	EL	KL	TOTAL	COUNTRY
	COLOR 081 101 13C TOTAL COLOR 081	0 0 0	0 0 0 2Y 3	0 0 3R XX 4	0 0 D LOT SU XS 4	0 JMMARY S 4	OF STYL M 4	E # 5AW L 4	R5QEU0 XL 5	EL 5	KL 4	TOTAL 39	COUNTRY
19-F-1010 3RD LOT	COLOR 081 101 13C TOTAL	0 0 0	0 0 0 2Y 3 6 0	0 0 3R XX	0 0 D LOT SU XS	0 JMMARY S	OF STYL	E # 5AW	R5QEU0 XL	EL	KL	TOTAL	COUNTRY
	COLOR 081 101 13C TOTAL COLOR 081 101	0 0 0 1Y 2 3	0 0 0 2Y 3 6	0 0 3R XX 4 7	0 0 D LOT SU XS 4 8	0 JMMARY S 4 8	OF STYI	E # 5AW L 4 9	7R5QEU0 XL 5 10	EL 5 9	KL 4 8	TOTAL 39 76	COUNTRY
	COLOR 081 101 13C TOTAL COLOR 081 101 13C	0 0 0 1Y 2 3 0	0 0 0 2Y 3 6 0	0 0 3R XX 4 7 0 11	0 0 DLOT SI XS 4 8 0 12	0 JMMARY 5 4 8 2 14	0 OF STYI 4 8 2 14	E # 5AW L 4 9 2 15	R5QEU0 XL 5 10 3 18	EL 5 9 2	KL 4 8 2	TOTAL 39 76 13	COUNTRY
	COLOR 081 101 13C TOTAL COLOR 081 101 13C	0 0 1Y 2 3 0 5	0 0 2Y 3 6 0 9	0 0 3R XX 4 7 0 11	0 0 DLOT SI XS 4 8 0 12	0 JMMARY 5 4 8 2 14	0 OF STYI 4 8 2 14	E # 5AW L 4 9 2	R5QEU0 XL 5 10 3 18	EL 5 9 2 16	KL 4 8 2 14	TOTAL 39 76 13 128	COUNTRY
	COLOR 081 101 13C TOTAL COLOR 081 13C TOTAL COLOR 081	0 0 1Y 2 3 0 5 5	0 0 3 6 9 9 2Y 5	0 0 3R XX 4 7 0 111 6I XX 7	0 0 D LOT SU XS 4 8 0 12 XAND SU XS 7	0 JMMARY 4 8 2 14 MMARY 8 11	0 OF STYI 4 8 2 14 OF STYL M 12	E # 5AW 4 9 2 15 E # 5AWI L 13	7R5QEU0 XL 5 10 3 18 R5QEU0 XL 15	EL 5 9 2 16 EL 14	KL 4 8 2 14 KL 13	TOTAL 39 76 13 128 TOTAL 100	
	COLOR 081 101 13C TOTAL COLOR 081 011 13C 101 13C TOTAL COLOR	0 0 1Y 2 3 0 5 1Y	0 0 2Y 3 6 0 9 9	0 0 3R XX 4 7 0 11 6F XX	0 0 D LOT SU XS 4 8 0 12 XAND SU XS	0 JMMARY S 4 8 2 14 MMARY S	OF STYI 4 8 2 14 OF STYL M	E # 5AW L 4 9 2 15 E # 5AWI L	R5QEU0 XL 5 10 3 18 R5QEU0 XL	EL 5 9 2 16 EL	KL 4 8 2 14 KL	TOTAL 39 76 13 128 TOTAL	

We can see that actually 419 pcs extra is enough for 2% wastage. Which is 513.16 - 419 = 94.16 pcs less than the average calculation.



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		GR/	ND SUM	MARY O	F STYLE	# 5AWR	5QEUO a	dding 2%	o wastag	e		
COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
081	3	5	7	7	11	12	13	15	14	13	100	
101	10	16	20	23	33	38	39	41	39	33	292	
13C	0	0	0	0	3	4	5	6	5	4	27	
TOTAL	13	21	27	30	47	54	57	62	58	50	419	

Now we will add or merge the original order quantity with our calculated final 3% extra quantity to get the actual production quantity that is needed below -

			GRAI	ND SUM	MARY	OF STY	LE # 5A	WR5Q	EUO			
COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
081	275	380	462	486	693	800	847	901	842	764	6450	2
101	716	1013	1228	1295	1897	2102	2130	2288	2211	1885	16765	
13C	81	97	111	114	287	327	360	368	364	334	2443	
TOTAL	1072	1490	1801	1895	2877	3229	3337	3557	3417	2983	25658	

		** 	G	RAND SU	MMARY	OF STYL	E # 5AW	R5QEU0	calcula	ted 3% o	r over shipn	nent
COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
081	5	8	12	13	19	21	23	24	22	20	167	
101	18	26	32	35	52	57	59	64	63	53	459	
13C	1	1	1	1	7	8	9	9	9	9	55	
TOTAL	24	35	45	49	78	86	91	97	94	82	681	

So the Actual production quantity will be-

			Pro	duction	QTY 0	F STYL	E # 5AV	VR5QEI	JO			
 COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
081	280	388	474	499	712	821	870	925	864	784	6617	1
101	734	1039	1260	1330	1949	2159	2189	2352	2274	1938	17224	
13C	82	98	112	115	294	335	369	377	373	343	2498	
TOTAL	1096	1525	1846	1944	2955	3315	3428	3654	3511	3065	26339	<u>8</u>

Now we will add or merge the production quantity with our calculated final 2% wastage quantity to get the expected cutting quantity that is needed -

COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
081	280	388	474	499	712	821	870	925	864	784	6617	Anna an
101	734	1039	1260	1330	1949	2159	2189	2352	2274	1938	17224	
13C	82	98	112	115	294	335	369	377	373	343	2498	
TOTAL	1096	1525	1846	1944	2955	3315	3428	3654	3511	3065	26339	

	<i>84</i>	GRA	ND SUM	MARY O	F STYLE	# 5AWR	5QEUO a	dding 2%	6 wastag	e	0	
COLOR	1Y	2Y	XX	XS	S	М	L	XL	EL	KL	TOTAL	COUNTRY
081	3	5	7	7	11	12	13	15	14	13	100	
101	10	16	20	23	33	38	39	41	39	33	292	
13C	0	0	0	0	3	4	5	6	5	4	27	
TOTAL	13	21	27	30	47	54	57	62	58	50	419	

So the expected Cutting quantity -

EXPECTED CUTTING SUMMARY OF STYLE # 5AWR5QEU0													
	COLOR	1Y	2Y	XX	XS	S	M	L	XL	EL	KL	TOTAL	COUNTRY
	081	283	393	481	506	723	833	883	940	878	797	6717	8
	101	744	1055	1280	1353	1982	2197	2228	2393	2313	1971	17516	
	13C	82	<mark>98</mark>	112	115	297	339	374	383	378	347	2525	
	TOTAL	1109	1546	1873	1974	3002	3369	3485	3716	3569	3115	26758	8

Now we can see that as per our previous discussion we found that adding 5% on average to the final order quantity will become 26,940 pcs but we have shown here as well that adding 5% on order quantity calculating destination and size ratio-wise becomes 26,758 pcs. So the total difference is 182 pcs.



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Although we calculated 5% on both occasions result was different. In the below table, we will also show although we calculated all the colors in 3% + 2%, the final quantity should have been 5% more than the order quantity but it is not.

COLOR	GRAND SUMMARY OF STYLE # 5AWR5QEU0	After adding 2% + 3% in GRAND SUMMARY		Increase in %
081	6450	6717	267	4.14%
101	16765	17516	751	4.48%
13C	2443	2525	82	3.36%
TOTAL	25658	26758	1100	4.29%

We can see although we have calculated Two percent + Three percent but finally found it is not equal to Five percent.

Color 081 increased 4.14%

Color 101 increased 4.48%

Color 13C increased only 3.36%

Overall Total quantity increased by 4.29%, not 5%.

So we can say in this context that "Two + Three is not equal to Five"

Aftermath:

As per above, we can see that we are saving 0.71% wastage in the initial stage which is 182 pcs which was supposed to get wasted. For more easy understanding we are saving-

- 1. Fabric purchase of 182 pcs, if the fabric price is 2.5 then $182 \times 2.5 = 455$
- 2. As we are not purchasing material and manufacturing these 182 pcs as leftover, if FOB was \$7 per unit then 182 X 7 = \$1274

So total of \$1,729 we can save before we can start working on the order. In this competitive market, it's a great sum to save up front and add to your profit.

However, if you consider on a larger scale let's say a manufacturing unit of 10 lines is producing 36,00,000 pcs a year with a workforce of 750 people the wastage control will be 25,560 pcs (based on 0.71% wastage reduction) yearly, and if we say the average FOB is \$7 per pcs than $25,560 \times 7 = $1,78,920$ profit. Considering \$80 per worker monthly wages we are saving 3.022 months wages of the 750 people or workforce of that manufacturing unit and reducing 25,560 pcs goods to be wasted in a year. As we have the above example for one manufacturing unit only now Imagine how much we can save if we calculate in the context of the total apparel manufacturing industry where only in Bangladesh there are 3500+ manufacturing units.

Conclusion:

.This study introduces a simple mathematical approach aimed at achieving cost reduction, optimizing material consumption, and minimizing post-manufacturing wastage. The key innovation lies in addressing the Simple pre-calculation of producible quantity while considering the non-intuitive mathematical phenomenon that "Two + Three is not equal to five."

Reduction of wastage is a transformative journey that embodies responsibility, innovation, and sustainability. Is a commitment to optimizing processes, resource management, and the elimination of waste in all its forms It is a call to action that invites us to think and act differently, to reimagine how we



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consume, produce, and coexist with our environment. This research combines mathematical rigor with practical applications, making it a valuable tool for industries seeking to enhance resource utilization, reduce costs, and minimize environmental impact. As we explore the concept that "Two + Three is not equal to Five" in the context of apparel manufacturing, we uncover opportunities for innovation and improvement that challenge the status quo.

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