

2 260 ·h = 40% Loss be = K total 2 the x = 24 5 312×5 60 matrices 2.60 let one value be = x another 11 4 = 4 X= y = 3=2 ... Total Retro= 3+2=5 New value of n = n+2 y = y+6 New ratios = 4:5 = total Ratio = 4+5=9 Solving for X  $\frac{3xx}{5} = \frac{4}{9} \times (n+2)$ 272 = 201440 7x= 7=40 Solvary 5 X 5 4 = 254+170

3 81 325 × 100% = 8 QIQ .25 32 400 XS 81.7 = 81 + 1. = 81 \$ 0-81.25% Q76 Sugar (Kg leson Days 30 180 K 320 8 n = 3 days 320 X= X 3R 7 40 10 80 Q16 1× 5K-3Km 4K-ZKm Considering Right Angle Trizingles  $\chi^2 = 3^2 + 5^2$  $\chi^2 = 9+25$ => x = 6 km  $n = \sqrt{36}$  $y^2 + 2^2 = 4^2$ 2+4=16 4=/20 km 2=20 =7 Total length = n Xty = 6+ 12 6+ J4X 7 = 6 + 7 JS KM

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QTQ	$r = 10 c_{-}$ $h = 36 c_{-}$ $V = \pi - 2h$
	$V = \pi (10 \times 10) (36)$ V = 3600 $\pi cm^{3}$
	28.2 V -