

MATHEMATICS NOTES FOR 5TH CLASS (FOR KHYBER PAKHTUNKHWA)

(b) $\begin{array}{r} 15\text{ m } 13\text{ cm} \\ - 12\text{ m } 42\text{ cm} \\ \hline 02\text{ m } 71\text{ cm} \end{array}$ So difference between the length of ropes is 2m 71cm.	(b) Time takes to stitch 1 st shirt = 3h 45m Time takes to stitch 2 nd shirt = 2h 21m time taking both shirts = 6h 06 min
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Unit No: 6 Unitary Method = Exercise No: 1

1. The price of 1 geometry box is Rs. 76. Find out the price of 26 geometry boxes. Price of one geometry box = 76Rs Price of 26 geometry boxes = $76 \times 26 = 1976$ Rs.	2. If the price of one ice cream is Rs. 55, find out the price of 17 ice creams. Price one ice cream = 55Rs Price of 17 ice creams = $55 \times 17 = 935$ Rs
3. If the price of a popcorn pack is Rs.37, find out the price of 71 popcorn packs. Price of one popcorn pack = 37Rs Price of 71 popcorn packs = $37 \times 71 = 2627$ Rs	4. A bag weighs 21 kg. What will be the weight of 15 bags? Weight of one bag = 21kg Weight of 15 bags = $21 \times 15 = 315$ kg
5. The capacity of 15 identical buses is 555 passengers. What will be the capacity of 1 bus? Capacity of 15 buses passengers = 555 Capacity of passengers in 1 bus = $555 \div 15 = 37$ passengers	6. The price of 26 kg sugar is Rs. 1170. What will be the price of 1 kg sugar? Price of 26 kg sugar = 1170Rs Price of 1kg sugar = $1170 \div 26 = 45$ Rs.
7. If the rent of a house for 8 months is Rs. 145,680, find out the rent of the house for 1 month. Rent of house for 8 months = 145,680 Rs. Rent of house for 1 month	8. The cost of 35 registers is Rs. 5075. Find out the cost of 1 register. Cost of 35 registers = 5075 Rs Cost of 1 register = $5075 \div 35$

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$145,210 \div 8 =$ $\begin{array}{r} 145680 \\ 8 \end{array} = 18,210 \text{ Rs.}$	$\begin{array}{r} 5075^{145} \\ 35 \end{array}$ $= 145 \text{ Rs}$
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Exercise No: 2

1. There are 4900 markers in 50 boxes. How many markers will be there in 75 such boxes? Markers in 50 boxes = 4900 Markers in 1 box = $\frac{4900^{98}}{50}$ $= 98$ Markers in 75 boxes = 98×75 $= 7,350$	2. The price of 10 mobile phones is Rs. 348,290. What will be the price of 29 mobile phones of the same model? Price of 10 mobiles = 348,290 Price of 1 mobile = $\frac{348290}{10}$ $= 34,829$ Price of 29 mobiles = $34829 \times 29 = 1,010,041 \text{ Rs}$
3. 40 books weigh 88 kg. What is the weight of 6 such books? Weight of 40 boxes = 88 kg Weight of 1 box = $\frac{88}{40}$ $= 2.2$ Weight of 6 boxes = 2.2×6 $= 13.2 \text{ kg}$	4. A train travels 6136 km in 52 hours. What distance will cover at the same speed in 45 hours? A train travel in 52 hours $= 6136 \text{ km}$ Train travels in 1 hour = $\frac{6136^{118}}{52} \text{ km}$ $= 118 \text{ km}$ Train travel in 45 hours = $118 \times 45 \text{ km} = 5,310 \text{ km}$
5. Amir buys 3 computers for Rs. 838,155. What will be the cost of 52 such computers?	6. If the fare for 34 km is Rs. 1190, what will be the fare for 48 km? Fare for 34 km = 1190 Rs

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Cost of 3 computers = 838,155	Fare for 1 km = $\frac{1190^{35}}{34}$
Cost of 1 computer = $\frac{838155}{3}$	= 35 Rs
= 279,385 Rs	Fare for 48 km = 35 x 48
Cost of 52 computers = 279385 x 52	= 1,680 Rs
= 14,528,020 Rs	

7: 19 pairs of shoes cost Rs. 23,750 . What will be the price of 65 such pairs.

19 pairs of shoes cost = Rs 23,750

1 pair of shoes cost = $23,750 \div 19 =$

$$\frac{2350}{19} = 1250 \text{ Rs}$$

65 pairs of shoes cost = $1250 \times 65 = 81,250 \text{ Rs}$

Review Exercise

Q1: Encircle the correct option.

(a) The price of a book is Rs.250 the price of 5 books will be Rs. __

(i) 50 (ii) 1000 **(iii) 1250** (iv) 2500

(b) The price of 11 carpets is Rs35,805, the price of carpet is __

(i) 3855 (ii) 3055 (iii) 2355 **(iv) 3255**

(c) The price of a book is Rs.555. The price of the 10 books will be __

(i) 2550 (ii) 5050 (iii) 3250 **(iv) 5550**

(d) The price of 6 oranges is Rs.48. The price of 72 oranges will be _

(i) 567 (ii) 96 **(iii) 112** **(iv) 576**

(e) The price of 3 chairs is Rs. 645. The price of 16 chairs will be ?

(i) 3040 (ii) 3004 **(iii) 3440** (iv) 3404

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2. A story book of stories costs Rs. 440. Find out the price of 15 story books. Cost of story book= 440 Rs Cost of 15 stories books $= 440 \times 15 = 6,600 \text{ Rs}$	3. If the price of 16 school bags is Rs 24000, find out the price of 1 such bag. Price of 16 school bags =24000 Price of 1 school bag= $\frac{24000}{16} = 1500 \text{ Rs.}$
4. 425 pearls were used to make a necklace, find: a) How many pearls will be used to make 25 necklaces? b) How many pearls will be used to make 100 necklaces? sol: (a) Pearls used for 1 necklace $= 425$ Pearls used for 25 necklace $= 425 \times 25$ $= 10,625$ (b) Pearls used for 100 necklace $= 425 \times 100$ $= 42,500$	5. If the price of 5 washing machines is Rs. 92,465, find: a) The price of 24 such washing machines. b) The price of 10 such washing machines. The price of 5 washing machines = 92,465 Rs The price of 1 washing machine= $\frac{92465}{5} = 18,493 \text{ Rs.}$ (a) The price of 24 washing machines = 18493×24 $= 443,832 \text{ Rs}$ (b) The price of 10 washing machines= 18493×10 $= 184,930 \text{ Rs}$

