**PARAGON CONVENT SCHOOL**

**SECTOR 24 B CHANDIGARH**

**CHAPTER 10 ( UNITARY METHOD)**

Q 1. The cost of 5 pair of shoes is Rs 4250 . Find the cost of 15 pair of

Shoes?

Sol. The cost of 5 pair of shoes = 4250

The cost of 1pair of shoe = 4250 ÷ 5

= 850

The cost of 15 pair of shoes = 850 x 15

= Rs 12,750

Q2. A dozen apples cost Rs 72 . What is the cost of 20 apples?

Sol . The cost of dozen apples = Rs 72

The cost of 1 apple = 72 ÷ 12 = 6

The cost of 20 apples = 6 x 20 = Rs 120

Q3. A bus carries 2457 passengers everyday . How many passengers will carry in a week.

Sol. Passengers carried in 1 bus = 2457

Passengers carried in one week ( 7days) = 2457 x 7

= 17199 passengers.

Q4. A dozen books cost Rs 1920. Find the cost of 7 such books.

Sol .The cost of dozen books (12 books) = Rs.1920

The cost of 1 book = 1920 ÷ 12

= Rs. 160

The cost of 7 such books = 160 x 7 = Rs. 1120

Q5. A bag contains 7 kg wheat flour . How many bags will be required to

pack 245 kg of wheat flour.

Sol . 7 kg wheat flour = 1 bag

1 kg wheat flour = kg

245 kg wheat flour = x 245 = 35 bags

Q6. Rohan bought 10 notebooks for Rs 420 . How much would he have to pay

for 6 notebook he buys next time?

Sol. Cost of 10 notebooks = Rs 420

Cost of 1 notebooks = 420 ÷ 10 = 42

Cost of 6 notebooks = 42 x 6 = Rs 252

Q7. I bought 180 pages for Rs 24 . How much should I pay for 240 pages?

Sol. Cost of 180 pages = Rs 24

Cost of 1 page = 2 =

15

Cost of 240 pages = x 240 16 = Rs 32

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Q8. A pack of 9 DVDs costs Rs. 1890. Find the cost of 25 DVDs.

Sol. Cost of 9 DVDs = Rs. 1890

Cost of 1 DVD = 1890 ÷ 9 = 210

Cost of 25 DVDs = 210 x 25 = Rs.5250