### Exercise 1.3

### Question 1:-

On his last bank statement, Qasim had a balance of Rs. 1,75,000 in his checkinig account. He wrote one cheque for Rs. 45,790 and another for Rs. 112,921. What is his current Balance?

Remaining amount = 
$$175,000 - 158,711$$
  
=  $Rs.16,289$ 

#### Question No 25-

Last week Wajid drove 283.4 km on 16.2 liters of petrol. He says that he averaged about 1.75 km/liter. Is his answer reasonabl? Explain

There is a huge difference between wajids average and actual overage, hence his arrower is not reasonable

### Question No 3:

Salma bought 3.2 yard of fabric for a total price of Rs. 139.2. How much did the fabric cost per yard?

Price of 3°2 yardfabric = Rs 139.2

Price of 1 yard Pabric - 139-2
3.2

PkNotes

Momina walks 3.5 km/h. She took a 12h walk. How far did she walk.

Question No 4:

Walking Speed = 3.5 Km/h

Time = 12h

Distance = Speed × time
= 3.5 × 12
= 42Km

### Question No 5"-

A hiking club went on a 7 day trip. Each day they hiked between 5.5 and 7.5 miles. It is reasonable to assume that clubbing the days the club hiked.

- a) Less than 35 miles.
- b) Between 35 and 55 miles.
- c) Equally 55 miles
- d) More than 55 miles

Total trip days = 7

Each days walked = 5.5 to 7.5 miles

Total distance hiked = 5.5 x 7 to 7.5 x 7

= 38.5 to 52.5

Option b is more reasonable answer"

### Question No S

For a class party the students council purchased 42 baloons at Rs. 1.85 what is the total amount the student council paid for the balloons?

PkNotes

Price of one baloon = 
$$Rs \cdot 1.85$$

Price of 42 baloons =  $42 \times 1.85$ 

=  $Rs \cdot 77.7$ 

## Question No 7:-

A group of friends made 4 yard long rectangular banner.

They paid 3.75 per yard for the fabric and Rs. 9 for the firm to go around the banner, 10-yard perimeter. What was the width of the banner?

let width = w

$$10 = 2(4+\omega)$$

$$5-4=\omega-\pi/\omega=1/2$$

# Question Nog:

A shoe factory has an asset for Rs. 2000000 of which 3/5 is the capital and rest is debt. Find the amount of capital and debt (Asses = capital + debt)

Capital = 1200000

"To Find debt we use"

Asset = Capital + debt

debt = Asset - Capital

= 2000000 - 1200000 = 800000 (RS)

Question No. 9

World Lowest temperature in past 100 years was recorded -89.2'C at vostok, Antarctica on july 21, 1983. Convert this temperature into farenhiet an kelvin scale. F= 9/5 C + 32, K='C + 273

Donnest °C to Farenheit

Temperature = -89.2°C

Forenheit - 9 C +32
5

$$= \frac{9 \times (-89.2) + 32}{5}$$

$$= \frac{-802.8}{5} + 32$$

$$= -160.56 + 32$$

$$= -128.56 \text{ Farenhe; t}$$
To convert °C to Kelvin
$$K = \text{°C} + 27.3$$

$$K = -89.2 + 27.3$$

$$K = 183.8 \text{ Kelvir}$$
Question No 10:-

10. A company was penalized by the government act for low quality production. If the company has 3 share holders. Farah, Maryam and Tehreem investing in the ratios of 1:2:3 and the amount of penalty is Rs. 456,868.97. Find the amount of penalty paid by each of 3 share holders.

Share of Farah = 1x456,868,97 6 = 76144.82

Share of Maryam=2x76144.82

Share of Tehreem= 3x 76144.82 = 228434.46