

Archita Padhi Class 5 Sec-C Roll no. 11

SUB-MATHS

- 1 a) In 23658.59, the place value of 9 is hundredth.
- b) When the product of two fractions is equal to one, they are called reciprocal fractions.
- c) A mixed fraction contains a whole number and a proper fraction.
- d) To show the temperature below  $0^{\circ}$  we use negative numbers.
- e) The common starting point of an angle is called vertex.
- 2 a) A triangle whose all sides are different is called as scalene triangle.
- (i) scalene triangle

b) The standard unit of measurement of capacity is litre

ii) litre

c) The amount of surface enclosed within the boundary of a figure is called its area

ii) Area

d) Convert 2825 paise into rupees and paise.

i) ~~₹ 2.825~~ ₹ 28.25

e) To convert weeks into day we multiply seven.

iii) ~~mulit~~ multiply

3 a) Convert into mixed fraction:  $\frac{119}{23}$

$$\begin{array}{r} 23 \overline{) 119} \\ \underline{- 115} \\ 4 \end{array} = \frac{QR}{D} = 5 \frac{4}{23}$$

b) Find the quotient:  $162.85 \div 500$

$$\begin{array}{r} 500 \overline{) 162.85} \\ \underline{- 0} \\ 1628 \\ \underline{- 1500} \\ 1285 \\ \underline{- 1000} \\ 2850 \\ \underline{- 2500} \\ 3500 \\ \underline{- 3500} \\ 0 \end{array} = 0.3257$$

- c) If the average of 9 items is 89. Find its total quantity

$$\begin{aligned} \text{Average of 9 items} &= 89 \\ \text{Total quantity} &= \frac{89}{\times 9} \\ &= 801 \end{aligned}$$

So, Total quantity is 801

- d) Simplify:  $19.05 - [2.06 + \{2.57 + (9.9) \cdot 5.09\}]$

$$\begin{aligned} &= 19.05 - [2.06 + \{2.57 + 4.82\}] \\ &= 19.05 - [2.06 + 7.39] \\ &= 19.05 - 9.45 \\ &= 9.60 \end{aligned}$$

- e) Subtract: 14 hours 8 mins 23 secs - 10 hours 10 min 58 sec

$$\begin{array}{r} 13 \qquad \qquad \qquad 67 \qquad \qquad \qquad 83 \\ 14 \text{ hours} \quad 8 \text{ mins} \quad 23 \text{ secs} \\ - 10 \text{ hours} \quad 10 \text{ mins} \quad 58 \text{ secs} \\ \hline 3 \text{ hours} \quad 57 \text{ mins} \quad 25 \text{ secs} \end{array}$$

3 hours 57 mins 25 secs

- a) Total no. of students = 250  
 No. of students in Shakti = 65  
 No. of students in Maitri = 63  
 No. of students in Preeti = 60  
 No. of students in Ahimsa = 62

Percentage of students in Preeti house =

$$\frac{60}{250} \times 100 = 24\%$$

Percentage of students in Ahimsa house

$$= \frac{62}{250} \times 100$$

$$= \frac{62 \times 2}{5} = 24.8\%$$

Q b) Cost of an eraser = ₹ 5.60

No. of ~~erasers~~ can be bought ₹ 1120 = 1120  
 $\div 5.60 = 200$

So we can bring 200 erasers in  
₹ 1120

C ans Area of a rectangular field =  $2250 \text{ m}^2$

Breadth of a Rectangular field =  $45 \text{ m}$

$$\text{length} = 2250 \text{ m}^2 \div 45 \text{ m} = 50 \text{ m}$$

So the length =  $50 \text{ m}$

$$\begin{aligned} \text{Perimeter of the rectangle} &= 2(L+B) \\ &= 2 \times 95 = 190 \end{aligned}$$

So, the perimeter of the rectangle =  $190 \text{ m}$

d ans Cost of 25 litre oil = ₹ 2750

$$\text{Cost of 1 litre oil} = 2750 \div 25 = 110$$

So the cost of 1 litre oil is ₹ 110

• Use the ways to save fuel are :-

- Use the correct engine oil
- Switch off air conditioning and heating

$$\begin{array}{r} 45 \\ 5 \overline{) 2250} \\ \underline{-20} \phantom{0} \\ 25 \\ \underline{-25} \\ 0 \end{array}$$

$$\begin{array}{r} 45 \\ 45 \overline{) 2250} \\ \underline{-225} \phantom{0} \\ 0 \end{array}$$

$$\begin{array}{r} 50 \\ 45 \\ \hline 95 \\ \oplus \\ 95 \\ \hline 190 \end{array}$$

$$\begin{array}{r} 110 \\ 25 \overline{) 2750} \\ \underline{-25} \phantom{0} \\ 25 \\ \underline{-25} \\ 0 \end{array}$$

e)

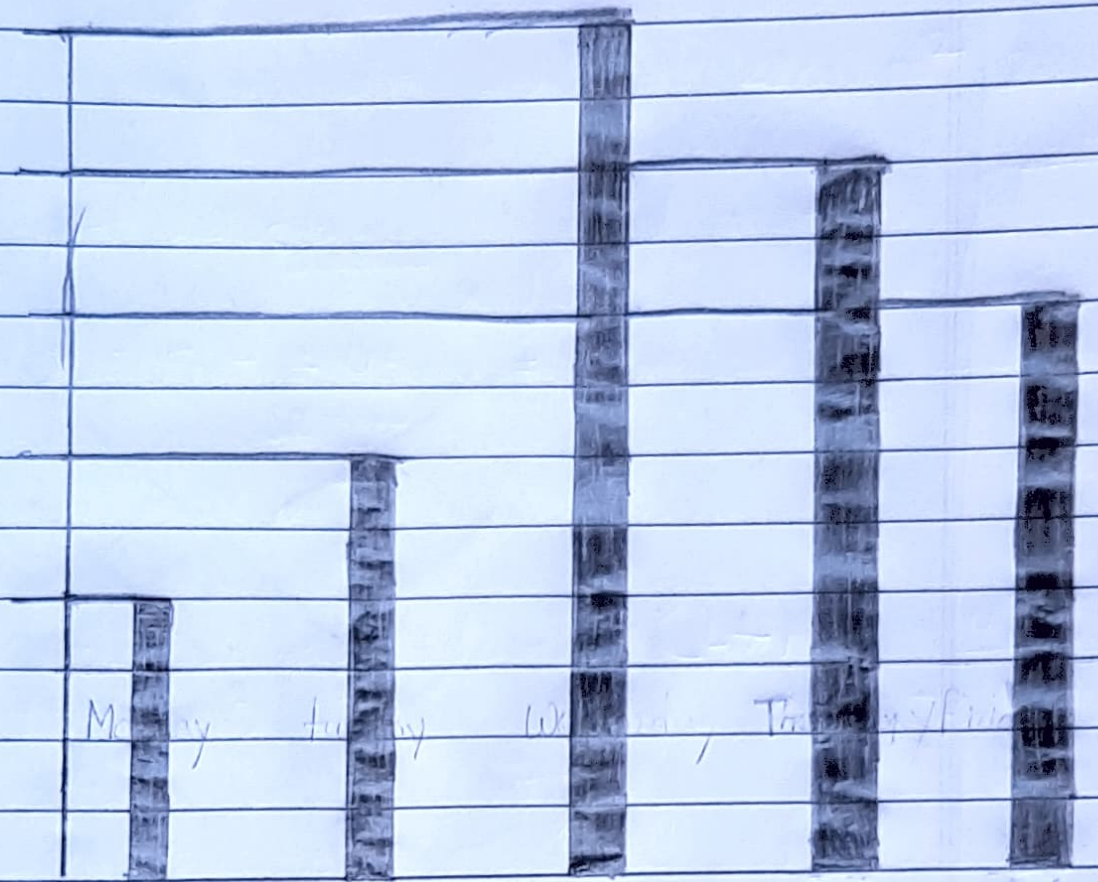
190

170

160

150

120



Monday Tuesday Wednesday Thursday Friday

(i) On which day the most numbers of ice-creams were sold - Wednesday

(ii) What was the total sale on Tuesday and Friday altogether - 210



5 Match the following

Column A

Column B

a)  $19 \times 7$  i) 96

b)  $22 \times 9$  ii) 90

c)  $24 \times 4$  iii) 119

d)  $18 \times 5$  iv) 133

e)  $17 \times 7$  v) 148

$$19 \times 7 = 133$$

$$22 \times 9 = 198$$

$$24 \times 4 = 96$$

$$18 \times 5 = 90$$

$$17 \times 7 = 119$$