

Sant Nirankari Public School, Malviya Nagar

Class: V Sub: Mathematics

Home Assignment -2

1. Fill in the blanks :

- (i) What is the place value of digit 3 in number 2.32 = _____
- (ii) Average of 5, 2, 10, 3 = _____
- (iii) A _____ can be extended in both directions.
- (iv) Perimeter of rectangle = _____
- (v) 1 L = _____ ml
- (vi) Rs 2.75 = _____ paise
- (vii) Radius of the circle = _____ x diameter of the circle.
- (viii) If SP = Rs 1020, profit = Rs 520, then loss?
- (ix) What percent is 25 of 75 = _____
- (x) 18:17:32 hours in 12 hours clock time = _____

2. Write the following in columns, then evaluate :

- (i) $78 - 0.97$
- (ii) $305.3 + 1.72 + 6.07$
- (iii) 31.75×0.9
- (iv) $36.426 \div 6$

3. Do as directed :

- (i) What is 86 out of 100?
- (ii) Express $1\frac{4}{5}$ as a percentage.
- (iii) Express 2.05 as a percentage.
- (iv) Find value : 2.5 % of 80 m

4. Find the average of each of the following sets :

- (i) 3Kg, 47Kg, 92Kg, 28Kg
- (ii) 178 m, 525 m, 476 m

5. Construct the following angles using a protractor and ruler :

- (i) 120° (ii) 60° (iii) 45° (iv) 130°

6. Find the volume of the following :

- (i) Cube of each side 7cm
- (ii) Cuboid of length = 5cm, breadth = 2cm, height = 4cm.

7. Convert these measurements :

- (i) 437g 37mg into Kg
- (ii) 49.733m into cm
- (iii) 27 months into years
- (iv) 1053 days into years and months
- (v) 35 weeks 2 days into days
- (vi) 537 days into weeks

8. Solve the following :

- (i) In triangle ABC, angle A = 58° and angle B = 72° . Find the third angle.
- (ii) Three line segments have lengths 4cm, 6cm and 9cm. Can a triangle be formed with these lengths?
- (iii) Draw the circles of radii : (a) 4.5cm (b) 7cm
- (iv) If radius 1.5cm, then calculate the diameter.
- (v) Find the missing dimensions :
If L = 12cm, B=25cm, H = _____cm, Volume = 2400cm^3 .

9. Find the following :

- (i) 7km 5m + 8m 6cm + 4m 9mm
- (ii) 12L 4ml - 7L 135ml
- (iii) 7Km 63m x 4
- (iv) 4kg 14g \div 6
- (v) 4h 10min 2s + 5h 57min 15s
- (vi) 6h 20min 40s - 3h 50min 30s

10. Solve the following word problems :

- (i) Sahil bought a shirt for Rs 750. He sold it at loss of Rs 50. What was the selling price of the shirt?
- (ii) There are 96 mangoes in 3 baskets. Find the number of mangoes in 5 such baskets.
- (iii) Rahul bought a watch for Rs 175.50 and a belt for Rs 80.75. How much money did he spend altogether?
- (iv) It was Tuesday 15 days ago. What day is it today?
- (v) A train leaves Kanpur at 1910 hours and reaches lucknow at 2235 hours. How much time does the train take to reach lucknow from Kanpur?
- (vi) The perimeter of a square photo frame is 24cm :
 - (a) Find the length of its sides.
 - (b) The area of the photo frame.
- (vii) The area of a rectangle is 36cm^2 . If the length of the rectangle is 9 cm, find its breadth.