DECIMALS



Q1. Write each of the following in the place value chart:

Number	Thousands	Hundreds	Tens	Ones	Decimal point	Tenths	Hundredths	Thousandths
32.406					•			
7.81					•			
6832.9					•			

- Q2. Express the following fractions as decimals (up to three decimal places)
 - a. $\frac{3}{7}$ = _____
 - b. $\frac{17}{250} =$ _____
- Q3. Jyoti bought 3 kg 300 g of sugar, 7 kg 35 g of rice and 95 g of raisins. Find the total weight of all the items she purchased in kg.

Answer: _____

Q4. Perimeter of a square is 36.32 m. Find the length of each side of the square.

Answer: _____

- Q5. Compare the decimals and put the correct sign <, > or =:
 - a. 7.08 ____ 8.01
 - b. 9.112 ____ 9.2
 - c. 1.04 ____ 1.004
 - d. 6.5 ____ 6.50
- Q6. Represent 7.3 on a number line.



Q7. A car travels 13.7 km in 1 litre petrol. How much distance will it cover in 4.5 litres of petrol?

Answer: _____

Q8. Fill in the blanks:

a.
$$7.4 \times 100 =$$

b.
$$\frac{7}{1000}$$
= _____

c.
$$8.16 \times 1000 = 100 \times$$

Q9. The perimeter of a polygon is 754.5 cm. If all the five sides of the polygon are equal, find the length of each side of the polygon.

Answer: _____

Q10. Three friends measured their heights and recorded them as follows:

Raghu - 165.95 cm

Sita - 1 m 75 cm

Surbhi - 1.705 m

Arrange their heights in ascending order. Who is the tallest amongst them?

Answer: _____

Tallest : _____

ANSWERS

1.

Number	Thousands	Hundreds	Tens	Ones	Decimal point	Tenths	Hundredths	Thousandths
32.406			3	2	•	4	0	6
7.81				7	•	8	1	0
6832.9	6	8	3	2	•	9	0	0

- 2. a. 0.428
 - b. 0.068
- 3. 10.43 kg
- 4. 9.08 m
- 5. a. <
 - b. <
 - c. >
 - d. =

6.



Point A represents 7.3

- 7. 61.65 km
- 8. a. 740
 - b. 0.007
 - c. 81.6
- 9. 150.9 cm
- 10. 165.95 cm < 1.705 m < 1 m 75 cm ; Sita