Cosmo School

Class-4

Subject-Mathematics

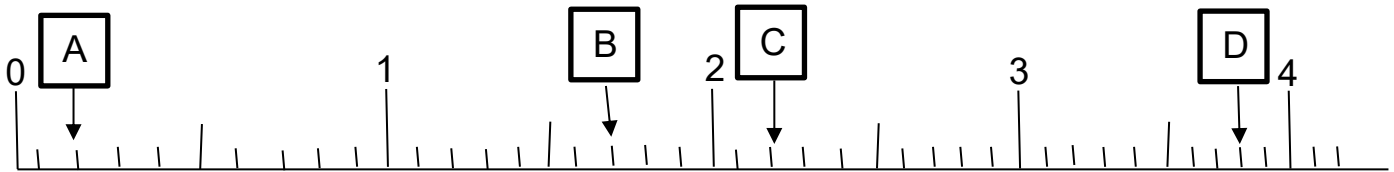**Chapter-9 (Decimals)**

Lecture-2 (Solution)

Exercise

1. What numbers are represented for A, B, C and D on the number line?

2. Put these numbers on the number line above: 0.9, 0.5, 2.6 and 3.2.
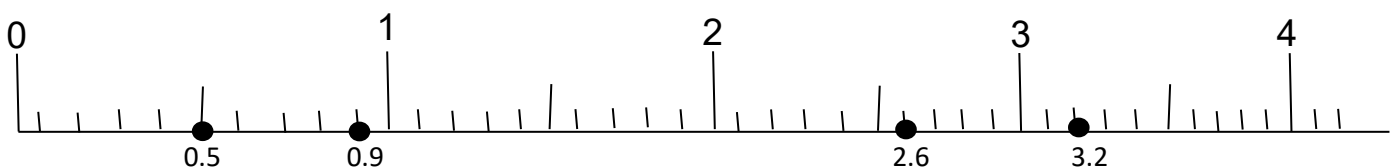
3. How can you write 100 g in kg?

4. How can you write 500 g in kg?

5. How can you write 1 kg and 500 g in kg?

Solution:

1. A= 0.2, B= 1.7, C= 2.2, D= 3.8

2.

3. We know, 1 kg = 1000 g

$$1 \text{ g} = \frac{1}{1000} \text{ kg}$$

$$\therefore 100 \text{ g} = \frac{100}{1000} \text{ kg}$$

$$= \frac{1}{10} \text{ kg}$$

$$= 0.1 \text{ kg}$$

4. We know, 1 kg = 1000 g

$$1 \text{ g} = \frac{1}{1000} \text{ kg}$$

$$\therefore 500 \text{ g} = \frac{500}{1000} \text{ kg}$$

$$= \frac{5}{10} \text{ kg}$$

$$= 0.5 \text{ kg}$$

5. We know, 1 kg = 1000 g

$$1 \text{ g} = \frac{1}{1000} \text{ kg}$$

$$\therefore 500 \text{ g} = \frac{500}{1000} \text{ kg}$$

$$= \frac{5}{10} \text{ kg}$$

$$= 0.5 \text{ kg}$$

$$\therefore 1 \text{ kg } 500 \text{ g} = 1 \text{ kg} + 0.5 \text{ kg}$$

$$= 1.5 \text{ kg}$$