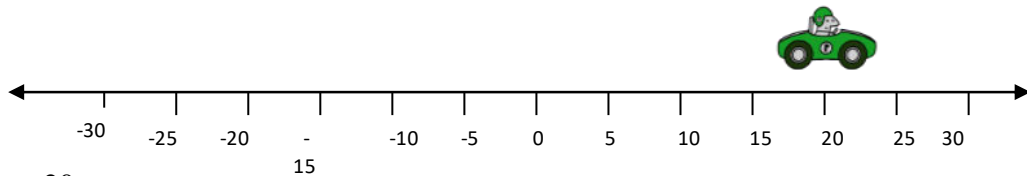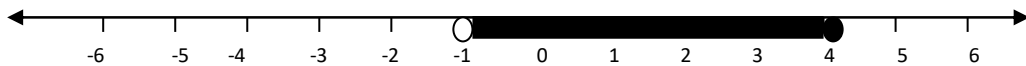BA SANGAM COLLEGE
YEAR 9
MATHEMATICS
WORKSHEET 5

1. The position of the car is 20 m. if the car reverses so that its position is -20m, the directed distance from A to B is

   A. -20 m
   B. 20 m
   C. -40 m
   D. 40 m

2. How many grams are there in 15kg?
   A. 15000 g
   B. 1500 g
   C. 3000 g
   D. 150 g

3. A school day lasts for about 7 hours. How many seconds are there in 7 hours?
   A. 420
   B. 25200
   C. 2520
   D. 4200

4. Which of the following is true about the set that is shown by the diagram given below?

   A. {x : -1 > x ≥ 4, x e R}
   B. {x : -1 < x ≤ 4, x e R}
   C. {x : -1 ≤ x < 4, x e R}
   D. {x : -1 < x ≤ 4, x e R}

5. Use a directed number to indicate the magnitude and direction of each number

(a)   6 m below sea level

(b)   24 m above the ground

(c)   30 km west of the light house

(d)   Ratu withdrew $500 from the bank

6. Write down **two** properties of a parallelogram and an equilateral triangle?

7. Use the list of numbers given to answer the following questions

$$0.3, -5, -6, 4, -0.2, \frac{1}{7}, 0, \frac{-6}{5}, 12$$

(a)Which numbers are **rational numbers**?

(b)Which numbers are **integers**?

(c)Which numbers are **negative rational numbers?**

8. Find the following sums:

(a) $4 - 3 + 2 =$

(b) (c) $(1 - 4) - (5 - 7) =$

(c) $[3 + (6 \times 2)] / 5 =$

(d) (d) $-1 \times [(2 \times 3) - 12] =$