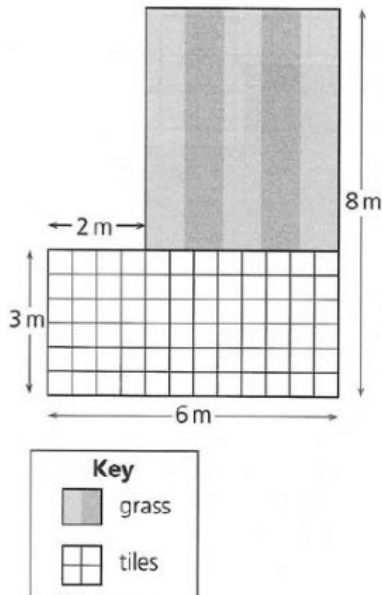


Question 37 refers to the following that shows the shape of a backyard.



37 What is the area of the grass?

- (A) 20 m^2
- (B) 18 m^2
- (C) 16 m^2

38 A parallelogram has

- (A) two pairs of equal angles and no parallel sides
- (B) one pair of equal angles and one pair of parallel sides
- (C) two pairs of equal angles and two pairs of parallel sides

Question 39 refers to the following diagram of a cuboid.



39 Which of the following descriptions of a cuboid a true?

- (A) it has 8 faces, 6 vertices and 12 edges
- (B) it has 6 faces, 8 vertices and 12 edges
- (C) it has 6 faces, 12 vertices and 8 edges

Question 40 refers to the following diagram of a clock face.



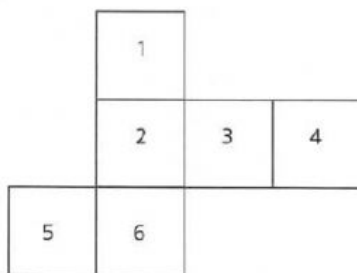
40 What type of angle would be formed from the long hand to the short hand if the time was 10 minutes past four o'clock?

- (A) obtuse
- (B) acute
- (C) reflex

- 37 (A) (B) (C)
38 (A) (B) (C)

- 39 (A) (B) (C)
40 (A) (B) (C)

Question 41 refers to the following net for a cube.



- 41 The faces on this net are numbered. When the cube is folded up, which of these faces are on opposite sides of the cube?

(A) 2 and 5
(B) 3 and 6
(C) 3 and 5

- 42 A soda can is to a dice

(A) what a cone is to a cuboid
(B) what a cylinder is to a cube
(C) what a sphere is to a pyramid

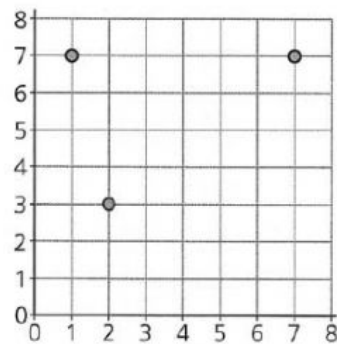
- 43 A triangle has two angles that measure 70° and 40° . What type of triangle is it?

(A) isosceles
(B) right-angled
(C) equilateral

- 44 Which of the following statements is false?

(A) A rectangle and a rhombus have 2 lines of symmetry.
(B) A kite and an isosceles triangle have 1 line of symmetry.
(C) A square and rectangle have 4 lines of symmetry.

Question 45 refers to the following coordinates grid.



- 45 Tevin adds a final dot on the grid at (6,3) and then joins the dots using straight lines. What polygon does he draw?

(A) trapezium
(B) parallelogram
(C) rectangle

- 46 Florence is making plane shapes using 8 identical match sticks. Which of the following plane shapes can she NOT make using all the match sticks?

(A) a rectangle
(B) an equilateral triangle
(C) a square

- 47 Shai has some dogs. Their weights are 6 kg, 5 kg, 12 kg, 8 kg, 9 kg and 8 kg. What is the average (mean) weight of his dogs?

(A) 9 kg
(B) 7 kg
(C) 8 kg

41 (A) (B) (C)

42 (A) (B) (C)

43 (A) (B) (C)

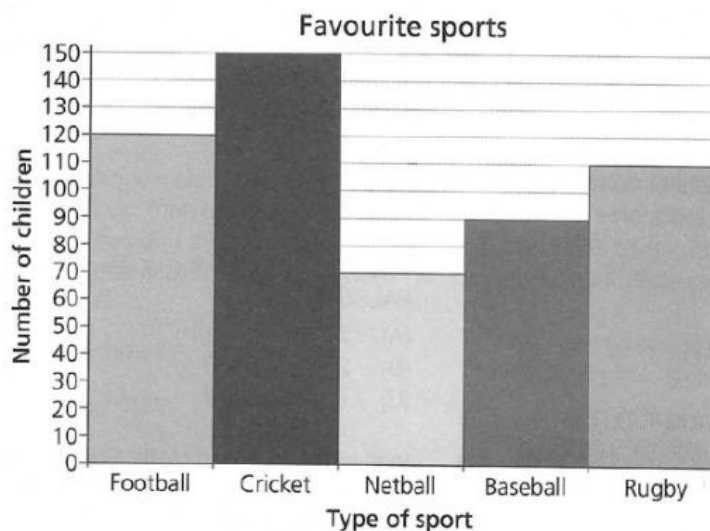
44 (A) (B) (C)

45 (A) (B) (C)

46 (A) (B) (C)

47 (A) (B) (C)

Questions **48** and **49** refer to the graph below that shows the favourite sports chosen by a group of children.



- 48** How many more children prefer football to rugby?

(A) 50
(B) 10
(C) 20

- 49** How many children prefer sports that require a ball and a bat?

(A) 240
(B) 300
(C) 260

Questions **50** refer to the table below that shows the difference in lowest and highest temperatures over three days.

Day	Lowest temperature	Highest temperature
Monday	12.2°C	22.4°C
Tuesday	14.0°C	26.5°C
Wednesday	18.6°C	30.3°C

- 50** On which day was the difference between the lowest and the highest temperature greatest?

(A) Monday
(B) Tuesday
(C) Wednesday

48 (A) (B) (C)

49 (A) (B) (C)

50 (A) (B) (C)