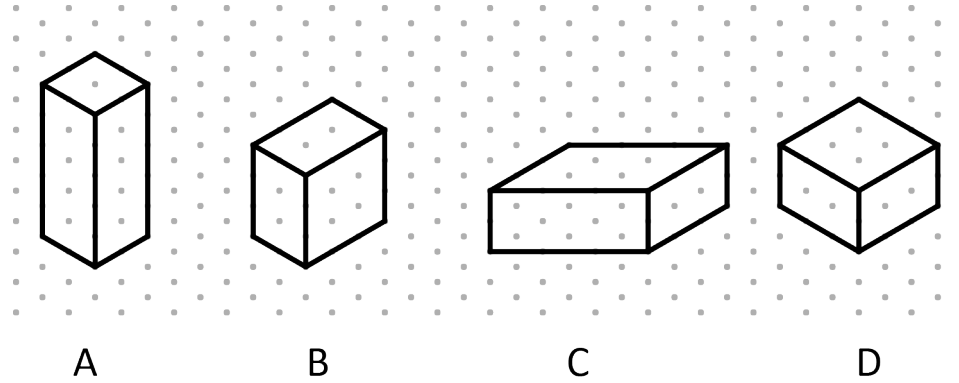**YEAR** *2020 v1*

7 NUMERACY

NON - CALCULATOR

Use 2B or HB pencil **ONLY**

40min

Time available for students to complete test: 40 minutes

8 The isometric drawings of some rectangular prisms are shown below.

| A | B | C | D |

Which two drawings are of the same rectangular prism?

A and B   B and C   A and C   B and D

◯   ◯   ◯   ◯

9

A car travels at 50 km/h.
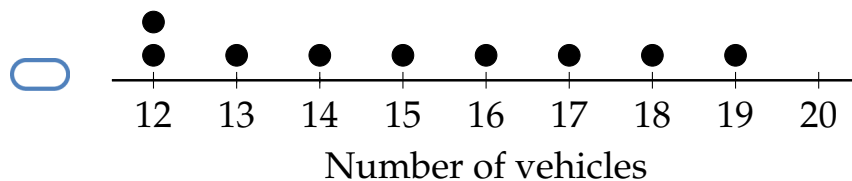How long does it take the car to travel 25 km?

5 minutes   0.5 minutes   30 minutes   60 minutes
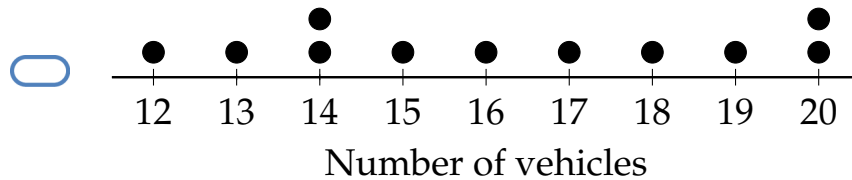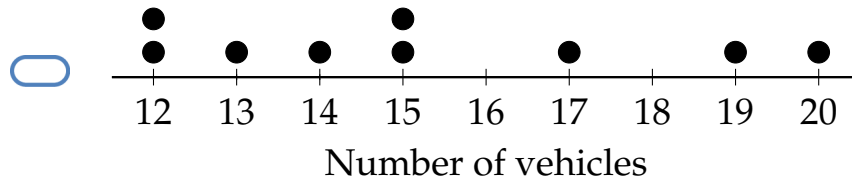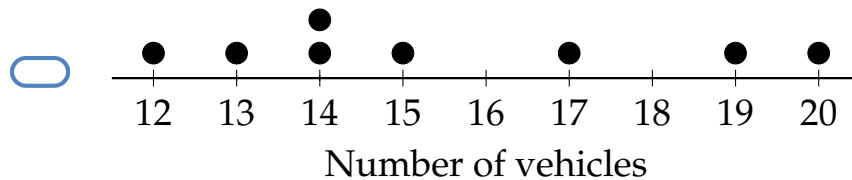
◯   ◯   ◯   ◯

13 The following data shows the number of parked vehicles in a parking lot over 9 days:
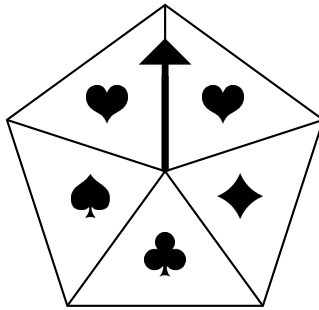
12, 12, 13, 14, 15, 15, 17, 19, 20

Which dot plot correctly displays the data?

14 The decimal 0.3 is equal to $\dfrac{3}{10}$ as a fraction.

What is 0.01 equal to as a fraction?

17 A spinner is spun 50 times.

On average, how many times would you expect the spinner to land on ♥ and ♠ respectively?

◯ 30 and 20

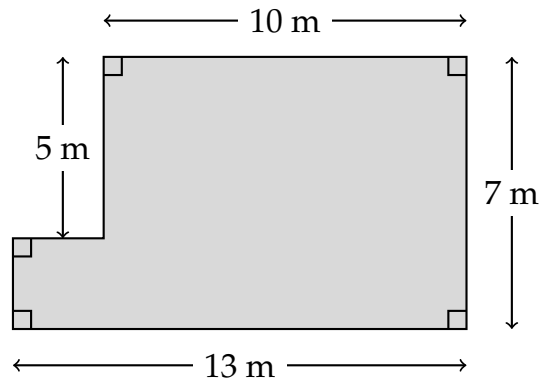◯ 10 and 20

◯ 20 and 10

◯ 15 and 15

18

Diagram not to scale

What is the perimeter of this shape?

25 m	27 m	37 m	40 m
◯	◯	◯	◯

29 10

30 1

31 $\frac{1}{2} \times 4 \times 5 - 1 \times 1 = 9 \text{ m}^2$

32 16