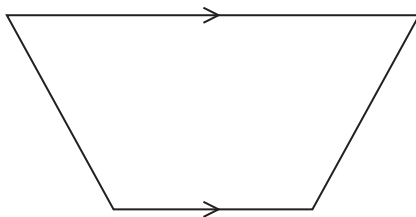
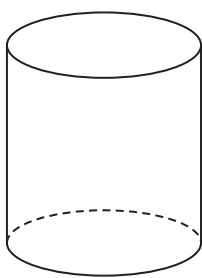


- 1 (a) Write down the mathematical name of this quadrilateral.



.....
(1)

- (b) Write down the mathematical name of this 3-D shape.

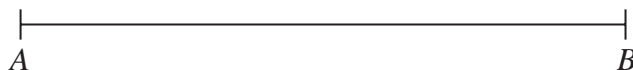


.....
(1)

(Total for Question 1 is 2 marks)

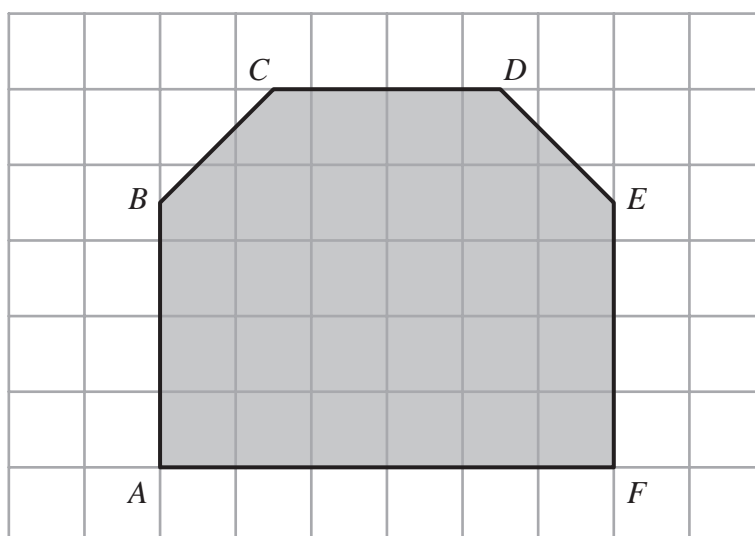
- 2 AB is a straight line.

Mark with a cross (\times) the midpoint of AB .



(Total for Question 2 is 1 mark)

3 Here is polygon $ABCDEF$ on a square grid.



(a) Write down the mathematical name of the polygon.

.....
(1)

(b) Which side of the polygon is parallel to the side CD ?

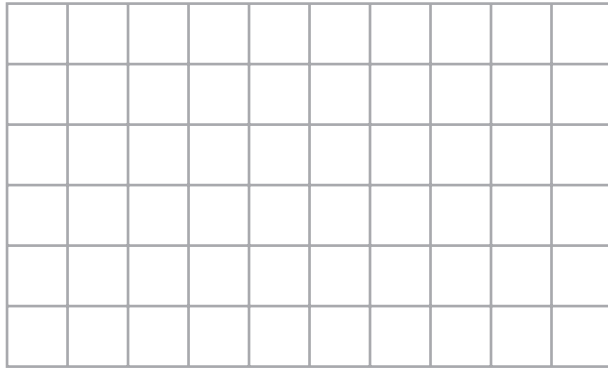
.....
(1)

(c) Write down a side of the polygon that is perpendicular to the side AF .

.....
(1)

(Total for Question 3 is 3 marks)

4

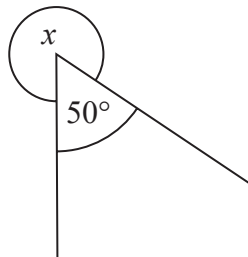


On the grid, draw a quadrilateral with

- no lines of symmetry
- and rotational symmetry of order 2

(Total for Question 4 is 2 marks)

5



- (a) Work out the size of the angle marked x .

.....
(2)

A student says that an angle of 50° is an obtuse angle.

The student is wrong.

- (b) Explain why.

.....
(1)

(Total for Question 5 is 3 marks)

- 6 A quadrilateral has 4 right angles and 4 sides of equal length.
- (a) Write down the mathematical name of this quadrilateral.

.....
(1)

The diagram shows a solid shape.



- (b) Write down the mathematical name of this shape.

.....
(1)

(Total for Question 6 is 2 marks)
