6.2 Shape, Position and Direction: 10-minute Pack

STA NC-KS1-MATHS-STA · Calculators not allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Look at the shape below.

Write the name of the shape.



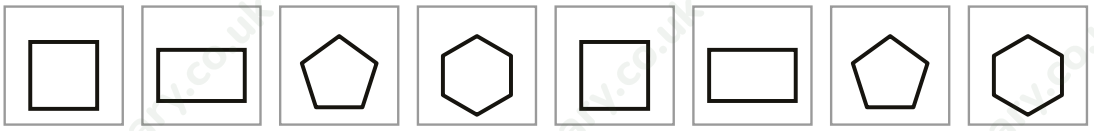


(1)

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2 Tomas makes a repeating pattern using 4 shapes, in this order: square, rectangle, pentagon, hexagon, square, rectangle, pentagon, hexagon, and so on (see the pattern below).

What shape is in the 10th position of the pattern? Show how you worked it out.



...

(2)

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3 Four toy animals sit in a row from left to right: duck, cat, rabbit, pig.

Which toy is between the cat and the pig?

(1)

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4 George is facing north. George makes a three quarter turn clockwise.

Which direction is George facing now?

(1)

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5 Four toy animals sit in a row from left to right: cat, bird, pig, hen.

Which toy is just to the right of the cat?

(1)

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6 Here are some flat shapes: triangle, rectangle, hexagon, circle, rectangle, octagon, square.

How many of the shapes has fewer than 5 corners?

(1)

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7 I am a flat shape. It has 4 straight sides and 4 square corners. It is not a square. Two pairs of sides are the same length.

What shape am I?

(1)

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Mark scheme · 6.2 Shape, Position and Direction: 10-minute Pack

Question 1

hexagon cao **B1**

Answer: **hexagon**

Question 2

valid method to find the 10th position, e.g. notices the pattern repeats every 4 shapes and works out 10 - 8 = 2 (the 2nd position in the repeat), or lists/continues the pattern up to the 10th shape, oe **M1**

rectangle cao **A1**

Answer: **rectangle**

Question 3

rabbit cao **B1**

Answer: **rabbit**

Question 4

west cao **B1**

Answer: **west**

Question 5

bird cao **B1**

Answer: **bird**

Question 6

5 cao **B1**

Answer: **5**

Question 7

rectangle cao **B1**

Answer: **rectangle**

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