8.2 Geometry: Properties of Shapes and Angles: 10-minute Pack

NCETM National Curriculum (2014) Mathematics - KS2 Geometry: Properties of Shapes · Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A quadrilateral has 4 sides that are all the same length, but it has no right angles. Write down the name of this shape.

(1)

2 Two angles lie on a straight line. One angle is 3p degrees and the other is (p + 20) degrees. Work out the value of p.

(3)

3 How many faces are in a net of a cube?

Answer: ___

(1)

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4 Point P is at (3, 6). It moves 3 units down.

What are the coordinates of the new point?

Answer: (___, ___)

(2)

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5 Through how many degrees is a turn of 3/8 of a full turn?

Answer: ___ degrees

(2)

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Mark scheme · 8.2 Geometry: Properties of Shapes and Angles: 10-minute Pack

Question 1

rhombus cao	**B1**

Answer: **Rhombus**

Question 2

correct equation formed, e.g. 3p + p + 20 = 180	**M1**
correct simplification/rearrangement, e.g. 4p = 160, dependent on the previous method mark	**dM1**
p = 40 cao	**A1**

Answer: **p = 40**

Question 3

6 cao	**B1**

Answer: **6**

Question 4

one coordinate correct	**M1**
(3, 3) cao	**A1**

Answer: **(3, 3)**

Question 5

360 divided by the denominator	**M1**
135 degrees cao	**A1**

Answer: **135 degrees**

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