8.4 Geometry: Shapes, Angles and Lines: 10-minute Pack

Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 How many edges does a cuboid (rectangular prism) have?

(1)

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2 Angles on a straight line add up to 180 degrees. Two angles on a straight line are 28 degrees and 133 degrees. A third angle fills the rest of the line.

What is the third angle?

Answer: ___ degrees

(2)

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3 I am a quadrilateral. I have 2 pairs of parallel sides and 4 lines of symmetry.

What shape am I?

Answer: ___

(1)

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4 A rectangle is 20 cm long and 10 cm wide.

What is its perimeter?

Answer: ___ cm

(2)

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5 Which of these shapes always has right angles: square or rhombus? Explain your answer.

(2)

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Mark scheme · 8.4 Geometry: Shapes, Angles and Lines: 10-minute Pack

A correct answer earns full marks unless the question asks for working, a method, proof or explanation.

Question 1

12 cao	**B1**

Answer: **12**

Question 2

161 seen	**M1**
19 degrees cao	**A1**

Answer: **19 degrees**

Question 3

square cao	**B1**

Answer: **square**

Question 4

adds all four sides or doubles l + w	**M1**
60 cm cao	**A1**

Answer: **60 cm**

Question 5

Square identified cao	**B1**
Reason that a square has four right angles while a rhombus may not have right angles oe	**B1**

Answer: **Square; because a square has four right angles but a rhombus does not have to**

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