Year 3 Mathematics Homework

Shape

Tick your answer to each question, like in the example below. You can use any space left below or around a question for your working out, if you need it.

Example Question

435 + 376

- a ☐ 701
- b ☑ 811
- c ☐ 821
- d ☐ 141

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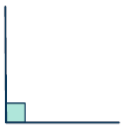
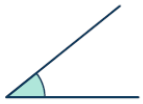
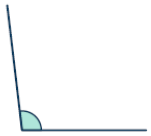
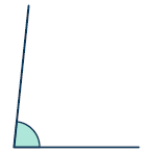
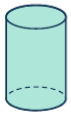
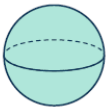
1 Which of the following angles is an obtuse angle?

- a 
- c 
- b 
- d 

2 Which of these shapes is a cylinder?

- a ☐
- c ☐
- b ☐ 
- d ☐ 

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3 While playing netball, Nita makes one whole and one half turn.
How many right angles has she turned?

- a ☐ 4
- b ☐ 2
- c ☐ 6
- d ☐ 3

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4 Which of these lines are parallel?

- a ☐
- c ☐
- b ☐
- d ☐

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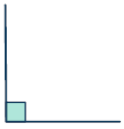
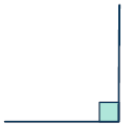
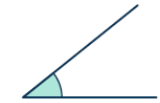
5 Felicity draws two lines to form a right angle.
Which of these could not be her drawing?

- a ☐ 
- c ☐ 
- b ☐
- d ☐ 

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6 Children in Class 3 are describing 3-D shapes. James describes a triangular prism. Which of these descriptions is his?

- a ☐ "My shape has four faces, six edges and four vertices."
- b ☐ "My shape has six faces, twelve edges and eight vertices."
- c ☐ "My shape has five faces, eight edges and five vertices."
- d ☐ "My shape has five faces, nine edges and six vertices."

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7 Lucy is facing North.

She turns two right angles to the right.
Which direction is she now facing?

- a ☐ South
- b ☐ East
- c ☐ West
- d ☐ North

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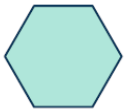
8 Which of these shapes has perpendicular sides?

- a ☐ Equilateral triangle
- b ☐ Square
- c ☐ Rhombus
- d ☐ Regular hexagon 

9 Which of these lines is horizontal?

a ☐

c ☐

b ☐

d ☐

10 Amber is asked to draw a triangle. Which of the below is not a triangle?

a ☐

c ☐

b ☐

d ☐

11 Lucas describes a 2-D shape. He says, "It has four straight sides of equal length, opposite sides are parallel and opposite angles are equal."
What shape is Lucas describing?

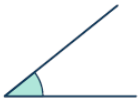
a ☐ Rectangle

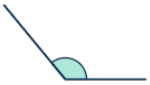
b ☐ Triangle

c ☐ Rhombus

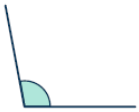
d ☐ Trapezium

12 Which of these angles is smaller than a right angle?

a ☐ 

c ☐ 

b ☐

d ☐ 

13 Which of these lines is vertical?

a ☐

c ☐

b ☐

d ☐

14 Tom says, "My shape has six faces, twelve edges and eight vertices."
What 3-D shape is Tom describing?

a ☐ Cube

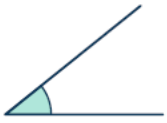
b ☐ Square based pyramid

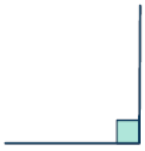
c ☐ Triangular prism

d ☐ Tetrahedron (triangular based pyramid)

15 Anna draws two lines to form a right angle.
Which of these could not be her drawing?

a ☐

c ☐ 

b ☐ 

d ☐