

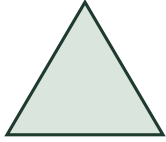
2D & 3D *Shapes*

Answer key

2.G.A.1

14 problems

1. How many sides does this triangle have?

**Answer 3 sides**

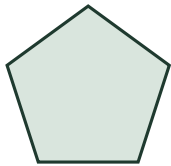
A triangle has 3 straight sides.

2. How many corners (angles) does this square have?

**Answer 4 corners**

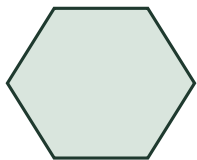
A square has 4 corners, one at each vertex.

3. How many sides does this pentagon have?

**Answer 5 sides**

A pentagon has 5 straight sides.

4. How many sides does this hexagon have?

**Answer 6 sides**

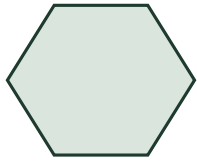
A hexagon has 6 straight sides.

5. A shape has 4 sides. All 4 sides are the same length and all corners are square. What shape is it?

Answer A square

A four-sided shape with equal sides and square corners is a square.

6. How many corners (angles) does this hexagon have?



Answer 6 corners

A hexagon has 6 sides and 6 corners.

7. Which shape has exactly 3 sides?

Answer B) Triangle

A triangle is the only shape listed with exactly 3 sides.

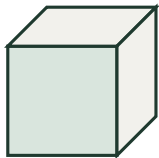
8. How many sides does this shape have? What is its name?



Answer 4 sides; a rectangle

A rectangle has 4 sides and 4 square corners.

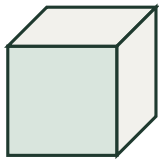
9. This is a cube. How many flat faces does a cube have?



Answer 6 faces

A cube has 6 flat square faces.

10. How many corners (vertices) does a cube have?



Answer 8 corners

A cube has 8 corners (vertices), 4 on top and 4 on the bottom.

11. A shape has 5 sides and 5 corners. What is the name of this shape?

Answer A pentagon

A five-sided shape is called a pentagon.

12. Maria draws a shape with 6 sides. Liam draws a shape with 4 sides. How many sides do their two shapes have in all?

Answer 10 sides

Add the sides: $6 + 4 = 10$ sides.

13. A stop sign has 8 sides. A triangle yield sign has 3 sides. How many more sides does the stop sign have than the triangle sign?

Answer 5 more sides

Subtract: $8 - 3 = 5$ more sides.

14. Sam has 3 triangle blocks. Each triangle has 3 sides. How many sides are there in all 3 blocks?

Answer 9 sides

Count 3 sides three times: $3 + 3 + 3 = 9$ sides.