Year 2 maths: Sorting shapes and objects (Easy)

Maths · Shapes and space
Level: Easy

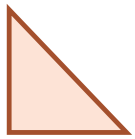
Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. Tick every triangle.

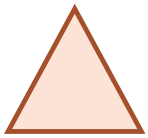
Tick every answer that fits.



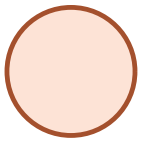
☐ **A**



☐ **B**



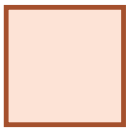
☐ **C**



☐ **D**

2. Tick every square.

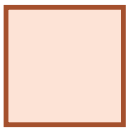
Tick every answer that fits.



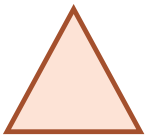
☐ **A**



☐ **B**



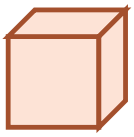
☐ **C**



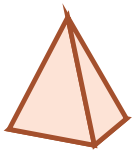
☐ **D**

3. Which object will roll?

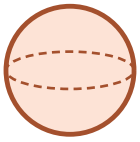
Circle one answer.



○ **A**



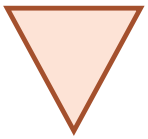
○ **B**



○ **C**

4. Is this shape a triangle?

Circle one answer.



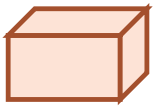
○ **A** Yes. It has 3 straight sides.

○ **B** No. Triangles point up.

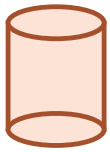
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5. Which object has 6 flat faces?

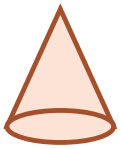
Circle one answer.



○ **A**



○ **B**

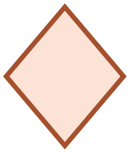


○ **C**

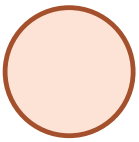
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6. Tick every shape that has 4 straight sides.

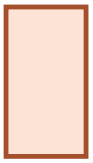
Tick every answer that fits.



☐ **A**



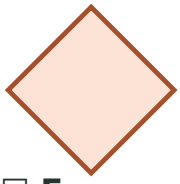
☐ **B**



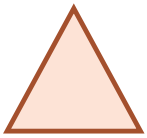
☐ **C**



☐ **D**



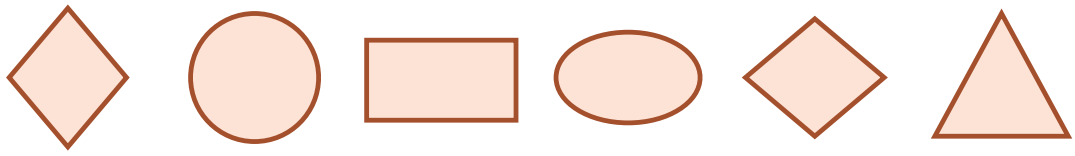
☐ **E**



☐ **F**

7. Sort the shapes: 4 straight sides and not 4 straight sides.

Tick the group each one belongs in.

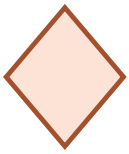


1 **2** **3** **4** **5** **6**

	4 straight sides	Not 4 straight sides
Shape 1	☐	☐
Shape 2	☐	☐
Shape 3	☐	☐
Shape 4	☐	☐
Shape 5	☐	☐
Shape 6	☐	☐

8. This shape is called a diamond. How many straight sides does it have?

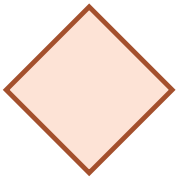
Circle one answer.



○ **A** 4 ○ **B** 2 ○ **C** 0

9. Amira turns a square so it stands on one corner. Is it still a square?

Circle one answer.

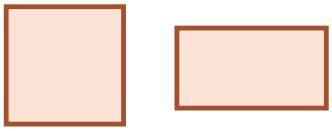


○ **A** Yes. Turning a shape does not change it.

○ **B** No. Now it is a different shape.

10. A square and a rectangle are alike. What do they BOTH have?

Circle one answer.



○ **A** a curved side

○ **B** 4 square corners

○ **C** 4 sides all the same length

Answer key

Year 2 maths: Sorting shapes and objects (Easy) · Sheet 812896

1. A; C

The 1st and 3rd shapes have 3 straight sides, so they are triangles. One has a square corner and one is big, but both are triangles.

2. A; C

The small one and the big one both have 4 equal sides and 4 square corners. Size doesn't change a square. The rectangle has 2 long sides and 2 short sides.

3. C

The sphere is curved all over, so it rolls. The cube and the pyramid have only flat faces.

4. A — Yes. It has 3 straight sides.

It has 3 straight sides and 3 corners, so it is a triangle. Pointing down doesn't change that.

5. A

A rectangular prism has 6 flat faces, like a cereal box. A cylinder has 2 and a cone has 1.

6. A; C; E

The diamond, the tall rectangle and the turned square each have 4 straight sides. Count them: 1, 2, 3, 4.

7. Shape 1: 4 straight sides; Shape 2: Not 4 straight sides; Shape 3: 4 straight sides; Shape 4: Not 4 straight sides; Shape 5: 4 straight sides; Shape 6: Not 4 straight sides

Both diamonds and the rectangle have 4 straight sides. The circle and oval have none, and the triangle has 3.

8. A — 4

A diamond has 4 straight sides, just like a square. It is a 4-sided shape too.

9. A — Yes. Turning a shape does not change it.

It still has 4 equal sides and 4 square corners. Turning a shape never changes what it is.

10. B — 4 square corners

Both have 4 square corners. Only the square has 4 sides the same length.