Year 1 maths: Triangles, squares and circles (Medium)

Maths · Shapes and space
Level: Medium

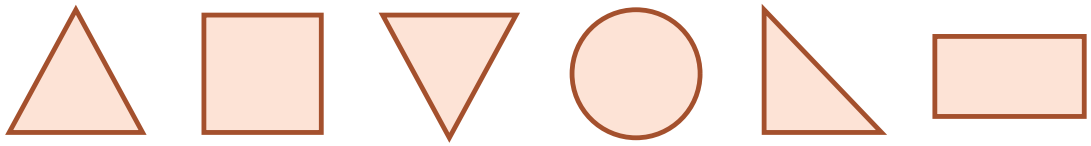
Student: _____ Date: _____

Instructions
- There are 5 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. Here are some flat shapes. Ivy colours all the triangles. How many shapes will NOT be coloured?

Answer: ☐



Working:

2. Zane drew two squares and a triangle. What is the total number of sides?

Answer: ☐ sides

Working:

3. Esther is cutting out a badge. She wants the shape with the most corners. Which one should she choose?

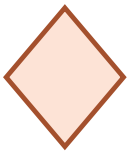
Circle one answer.



○ **A** ○ **B** ○ **C** ○ **D**

4. This shape is called a diamond. How many sides and how many corners does it have?

Circle one answer.



○ **A** 4 sides and 4 corners

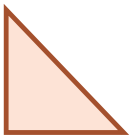
○ **B** 3 sides and 3 corners

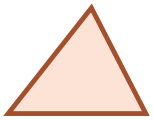
○ **C** 4 sides and 2 corners

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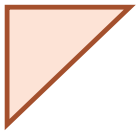
5. Hana cut out this triangle. Which triangle is the same shape and the same size, just turned?

Circle one answer.

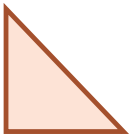




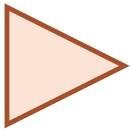
○ **A**



○ **B**



○ **C**



○ **D**

Answer key

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1. 3

There are 3 triangles (one is upside down and one has a square corner). The square, circle and rectangle are left: 3.

2. 11 sides

4 + 4 + 3 = 11.

3. C

Count the corners: triangle 3, square 4, hexagon 6, pentagon 5. The hexagon has the most, even though it is the smallest.

4. A — 4 sides and 4 corners

A diamond has 4 straight sides. The pointy top and bottom are corners, and so are the 2 corners at the sides: 4 corners.

5. B

The triangle with its square corner at the top left is Hana's triangle turned a quarter turn. Its sides are the same lengths, so it is the same. The other big one is too big, and the thin one has no square corner.