

# Geometry items

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This task is about symmetry, shape and angle identification, and reflection.

## Questions/instructions:

1. Draw a line of symmetry on the triangle.

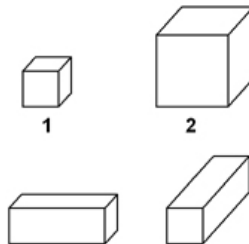


2. Which of the following has the same shape as a cylinder?

- A An egg
- B A book
- C A basketball
- D A can of soup

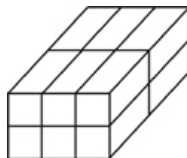
3. Which are cubes?

- A All of them
- B 1 and 2 only
- C 1 only
- D 3 and 4 only

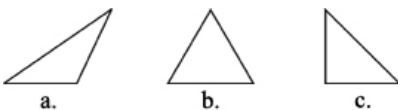


4. Which shows how many small blocks there are?

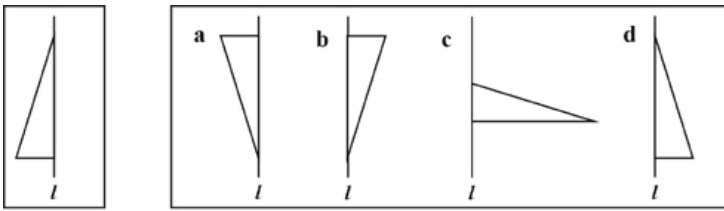
- A  $3 \times 3 \times 2$
- B  $2 \times 2 \times 2$
- C  $3 \times 3 \times 3$
- D  $3 \times 2 \times 2$



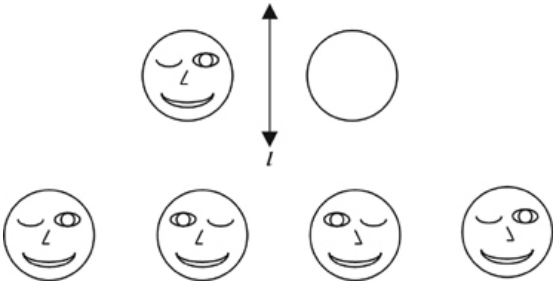
5. Which triangle has a right angle?



6. Which of the following shows the results of flipping this triangle over the line  $l$ ?

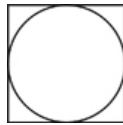


7. Which of the diagrams shows the reflection in  $l$  of the face?



8. The length of the square is 6. What is the length of the radius of the circle?

- A 2
- B 3
- C 4
- D 6



9. Which angle has a measure nearest  $100^\circ$ ?

