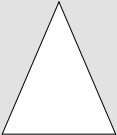
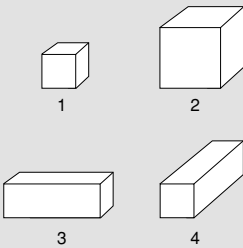
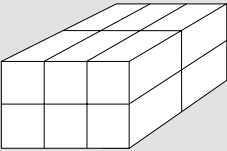

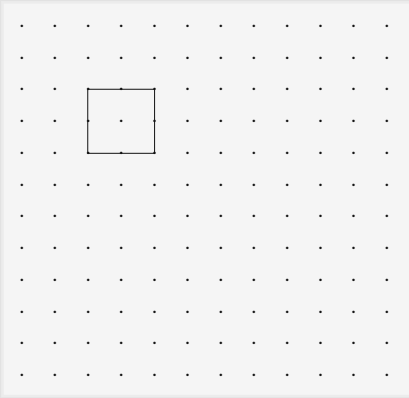


Geometry items

Approach: Independent

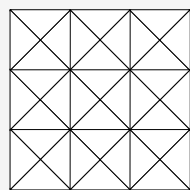
Level: Year 4 and year 8

Resources: None

Questions/instructions		% responses	
		year 4	year 8
1. Draw a line of symmetry on the triangle.		44	77
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		d 52	83
3. Which are cubes? a. all of them b. 1 and 2 only c. 1 only d. 3 and 4 only		b 67	87
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. $3 \times 2 \times 2$		d 17	54
5. Which triangle has a right angle? 		c 20	79
6. Draw 1 bigger square and 1 smaller square.		drew bigger square drew smaller square	71 67

% responses
year 4 year 8

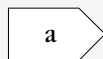
7. Colour in one of the smallest squares.



✓ 26

8. Draw a ring around each shape that is symmetrical.

Not symmetrical:



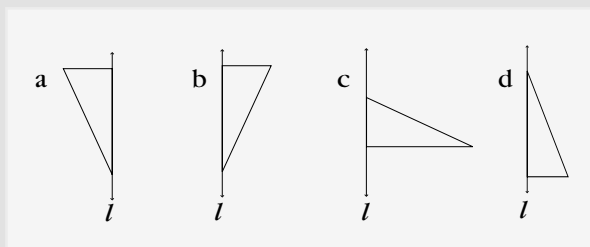
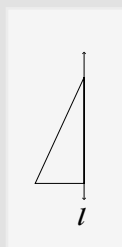
✓ a 41

not b 68

✓ c 38

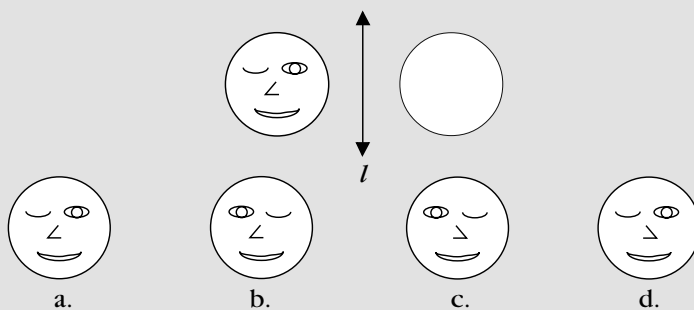
✓ d 64

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



d 73

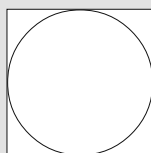
10. Which of the diagrams shows the reflection in l of the face?



c 65

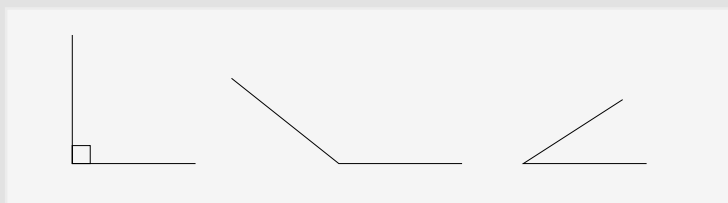
11. The length of the square is 6. What is the length of the radius of the circle?

- a. 2
b. 3
c. 4
d. 6



b 44

12. Which angle has a measure nearest 100° ?



a 56