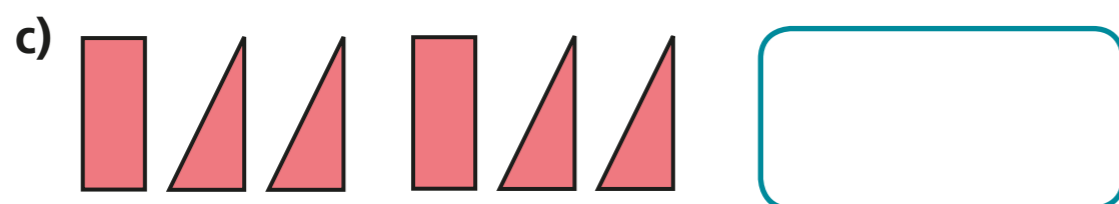
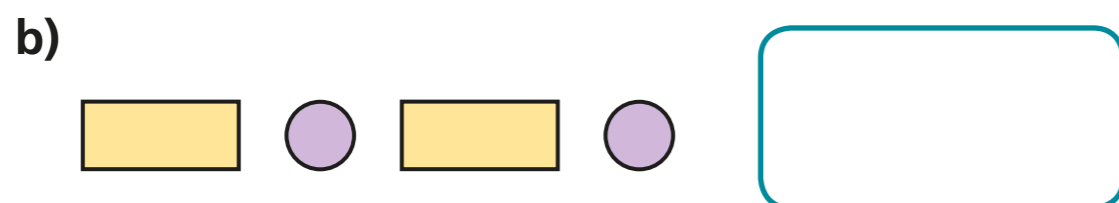
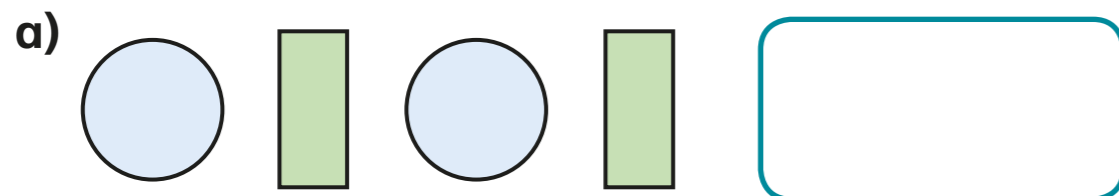


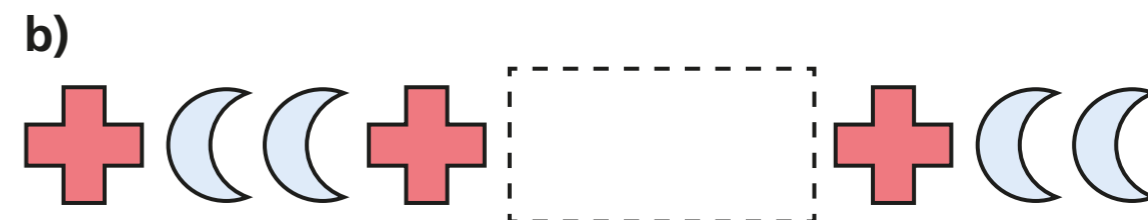
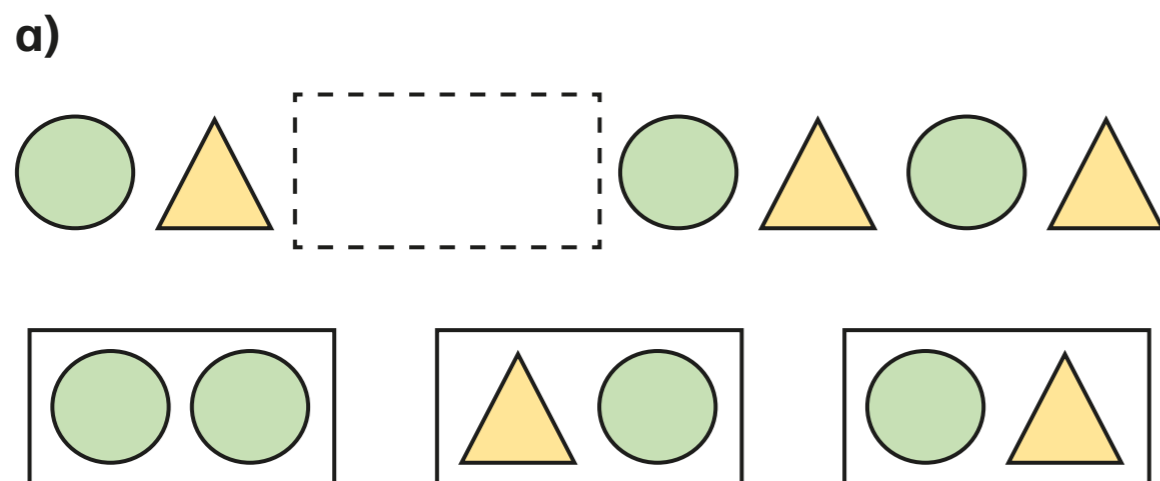
# Make patterns with 2D shapes



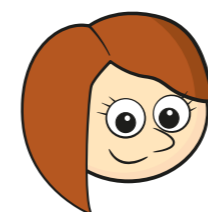
1 Draw the next two shapes in each pattern.



2 Tick the shapes that fit in each pattern.

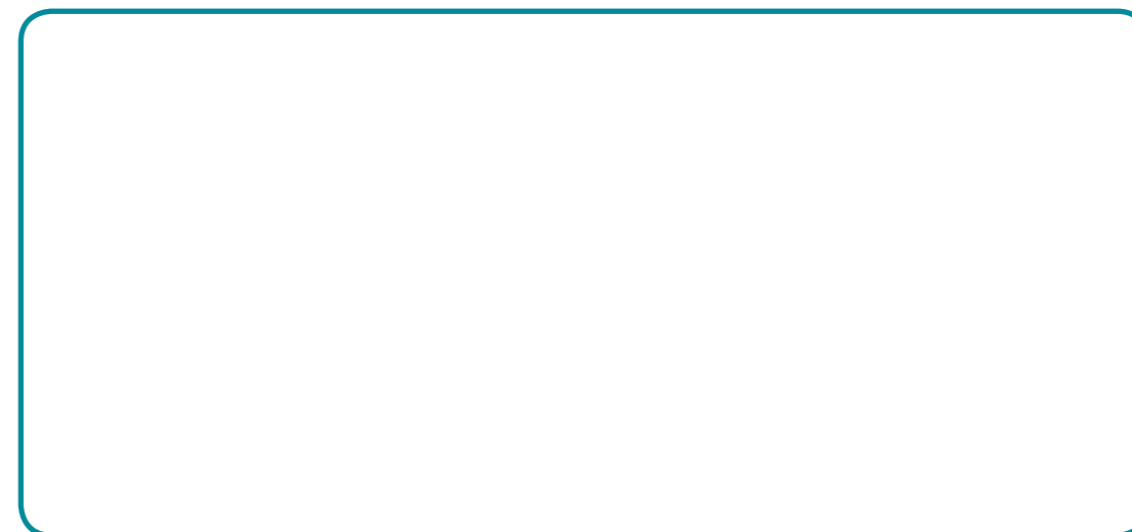


3



My pattern goes:  
circle, triangle, square,  
then it repeats.

a) Draw the first 9 shapes in Rosie's pattern.



b) What is the name of the 10th shape in the pattern?

\_\_\_\_\_

c) What is the name of the shape to the right of the 5th shape?

\_\_\_\_\_



- 4 Mo makes a pattern using 4 rectangles, 4 triangles and 4 circles.

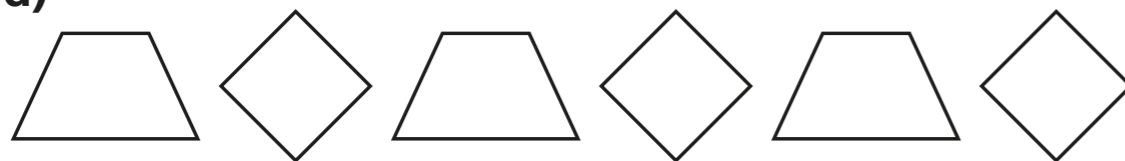
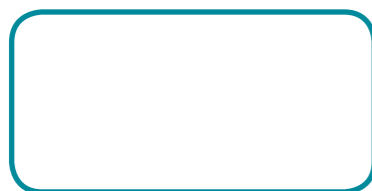
What could Mo's pattern be?

Draw two different possibilities.

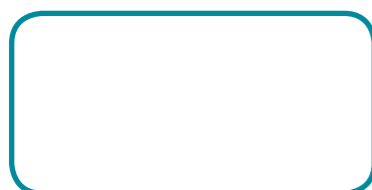



- 5 Draw the 10th shape for each pattern.

a)

b)

- 6 Write your own repeating pattern of shapes.  
For example: circle, rectangle, rectangle, circle, rectangle, rectangle ...

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

Swap with a partner and draw each other's patterns.

- 7 Draw a shape in each box to make a repeating pattern.

You may want to practise on a whiteboard.




# Make patterns with 3D shapes



1 Draw the next shape in each pattern.

a)

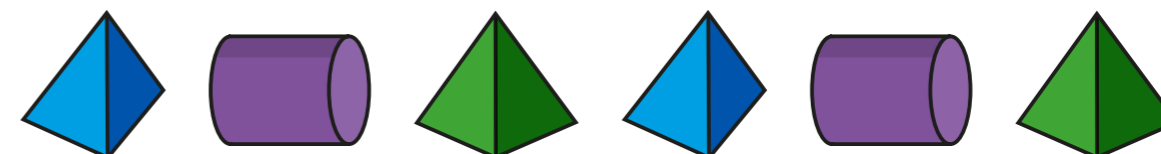
b)

c)

d)

e)

2 What is the name of the 3rd shape in the pattern?



\_\_\_\_\_

3 Here is a pattern made with 3D shapes.



a) Write the name of the 4th shape in the pattern.

\_\_\_\_\_

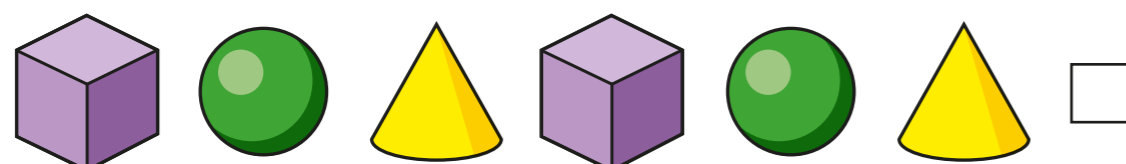
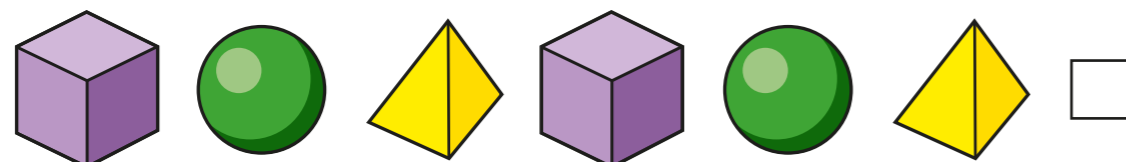
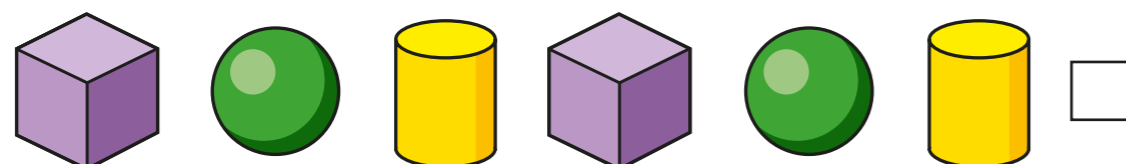
b) What would the 13th shape in the pattern be?

\_\_\_\_\_

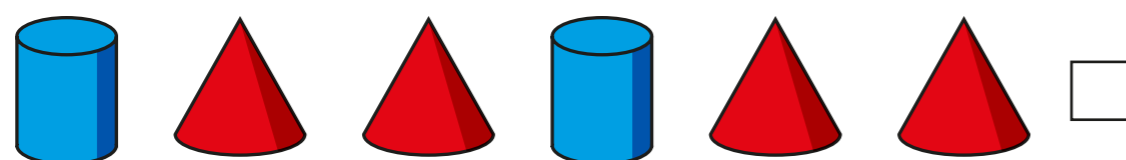
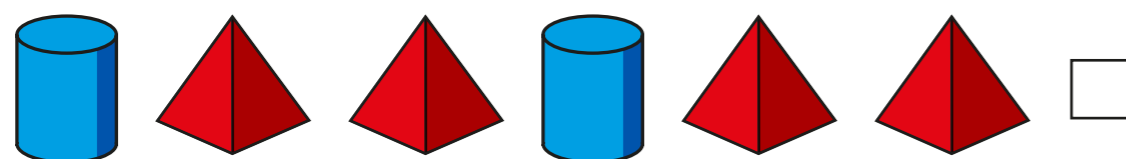
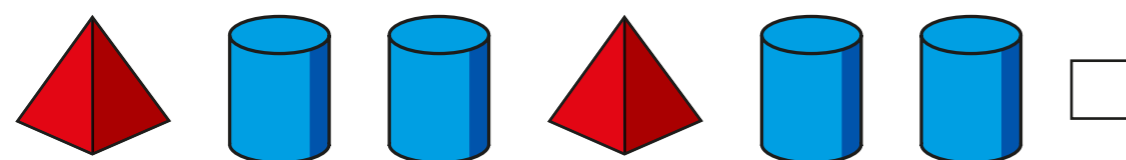


4 Tick the row that shows the pattern.

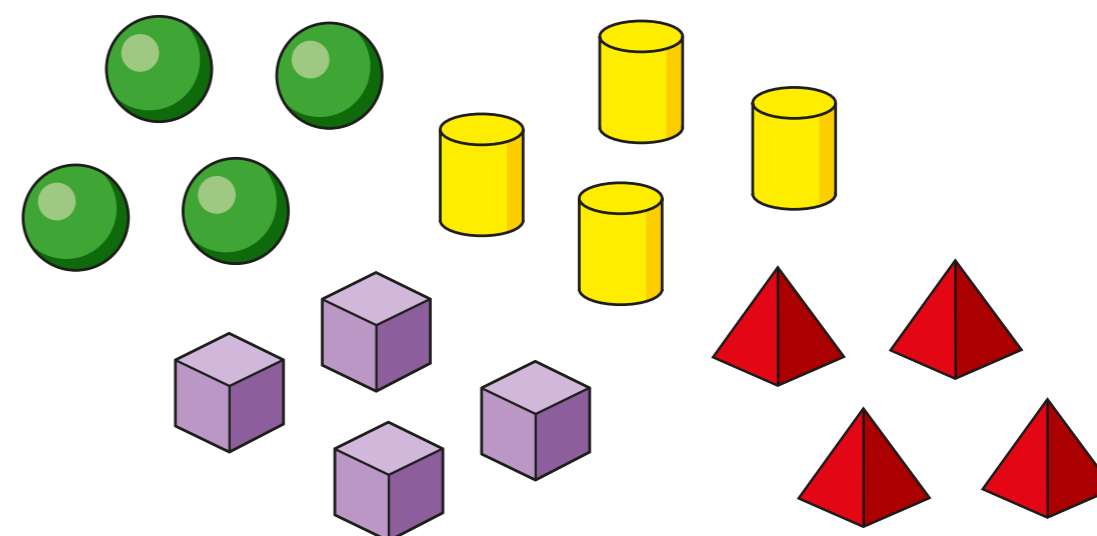
a) cube, sphere, cone, cube, sphere, cone



b) cylinder, pyramid, pyramid, cylinder, pyramid, pyramid



5 Eva is making a pattern using these shapes.



a) What pattern could Eva make?

b) Can you arrange Eva's shapes to make a symmetrical pattern?

c) Compare answers with a partner.

