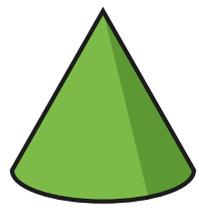
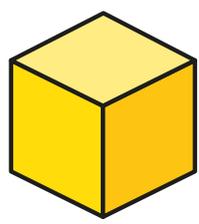


# Recognise and name 3-D shapes

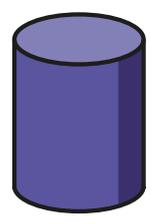
I Match each shape to its name.



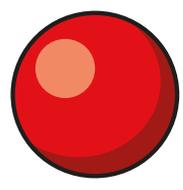
sphere



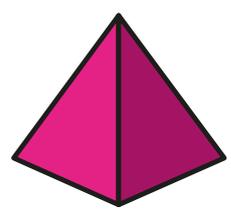
cone



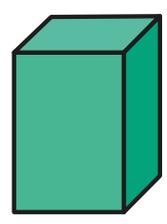
cuboid



pyramid

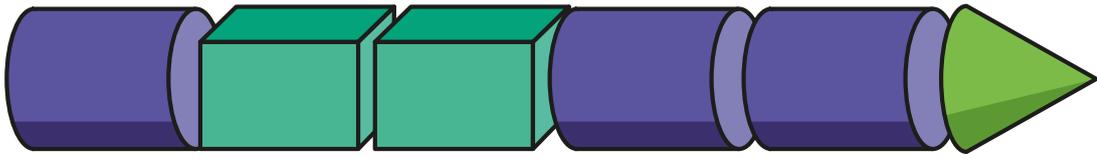


cylinder



cube

- 2** a) Make this train.



Complete the sentences.

The train has  cylinders.

The train has 2 \_\_\_\_\_.

The last shape in the train is a \_\_\_\_\_.

- b) Make a train with these shapes.

- 3 cubes
- 2 spheres
- 1 cone

Is your train the same as your partner's?  
What is the same and what is different?

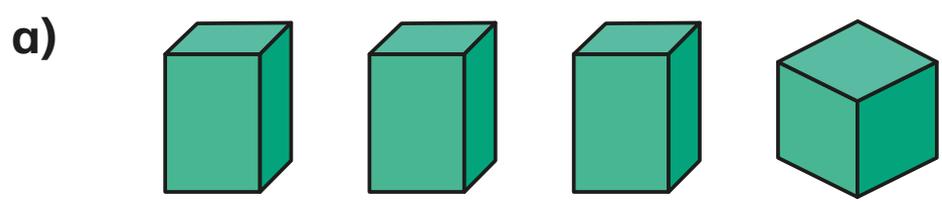
- c) Make a train with shapes in this order.

- 1st: sphere
- 2nd: cuboid
- 3rd: cuboid
- 4th: cylinder
- 5th: pyramid

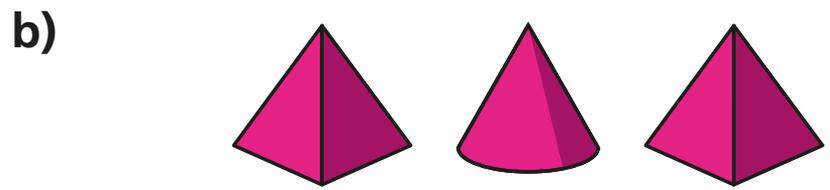


# Sort 3-D shapes

**1** Circle the odd one out and complete the sentence.



The odd one out is a \_\_\_\_\_.



The odd one out is a \_\_\_\_\_.

**2** Draw lines to sort the shapes into groups.  
The first one has been done for you.

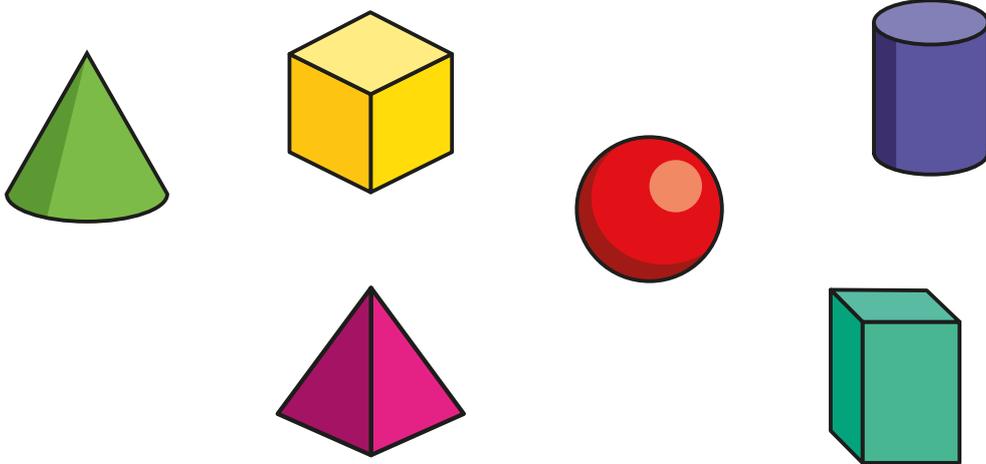


cylinders

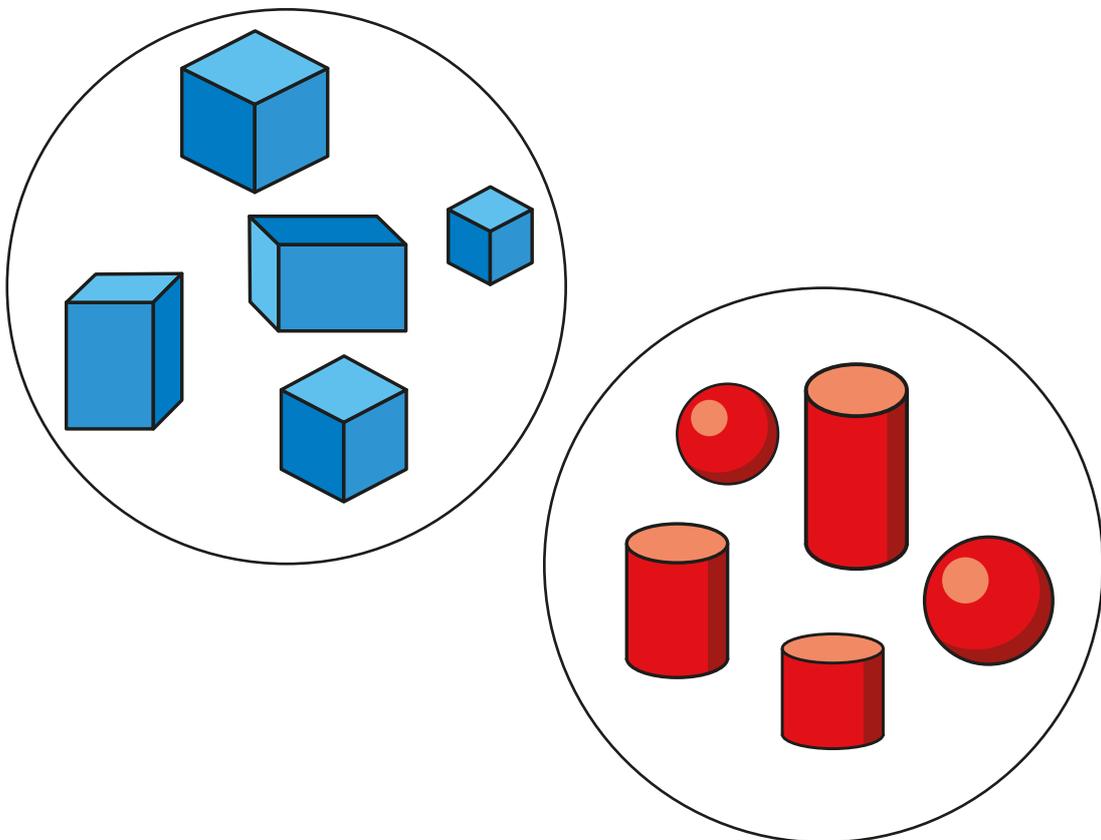
spheres



3 Tick the shapes that stack.



4 How have the shapes been sorted?



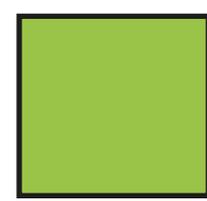
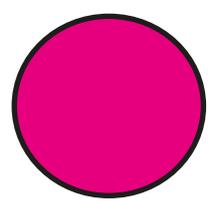
Can you sort the shapes another way?

# Recognise and name 2-D shapes

1 Label the shapes.

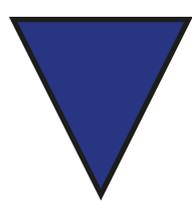
Use the word bank to help you.

square    rectangle    circle    triangle



\_\_\_\_\_

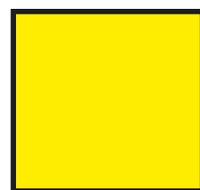
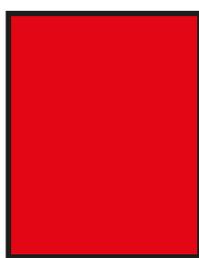
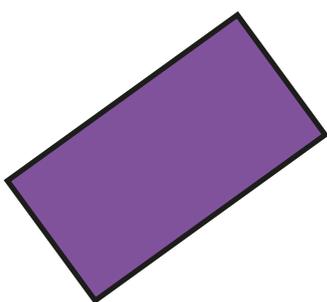
\_\_\_\_\_



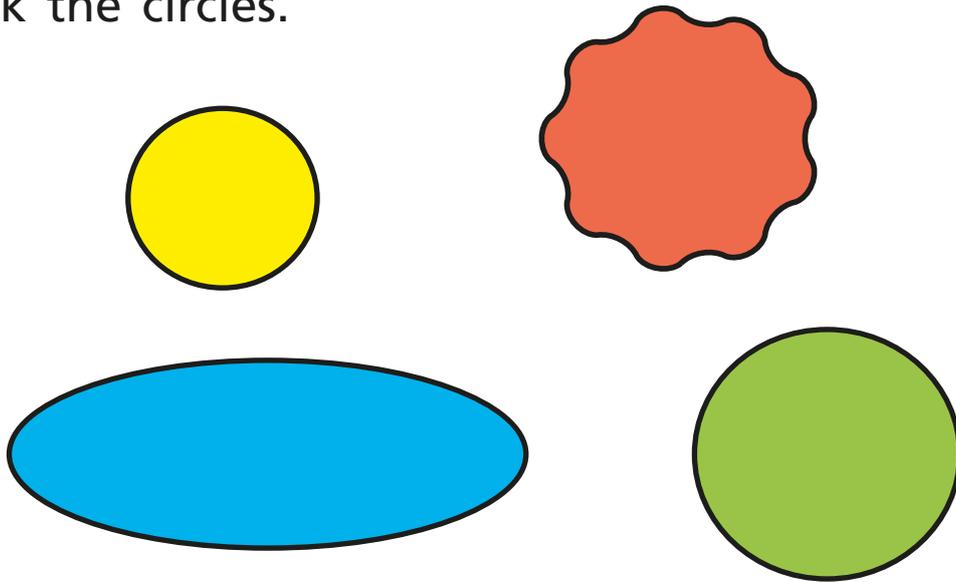
\_\_\_\_\_

\_\_\_\_\_

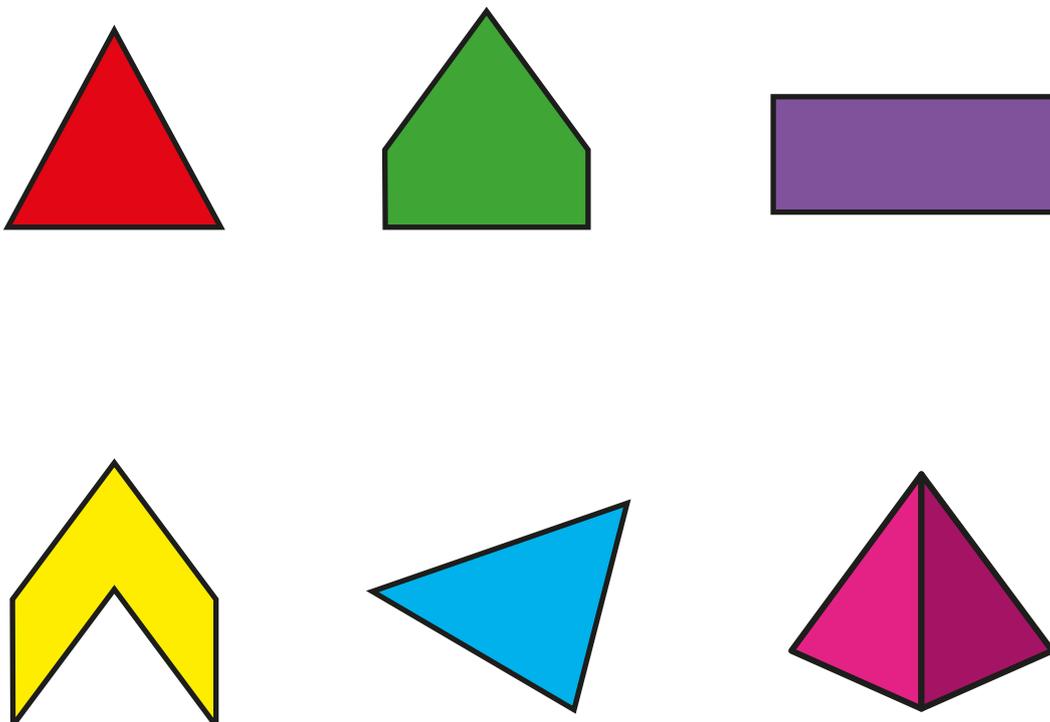
2 Tick the square.



3 Tick the circles.



4 Tick the triangles.



How did you choose which shapes to tick?



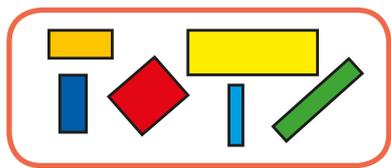
# Sort 2-D shapes



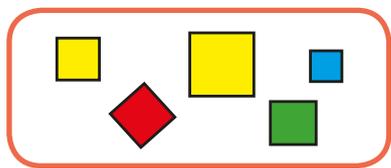
1 Match the groups of shapes to the labels.



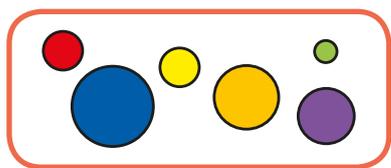
rectangles



circles

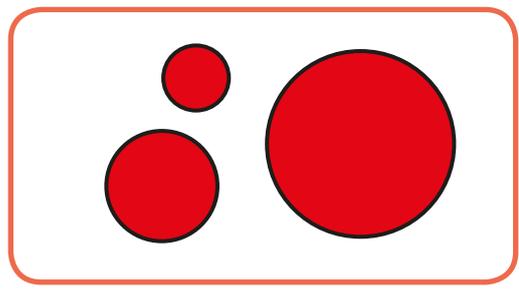
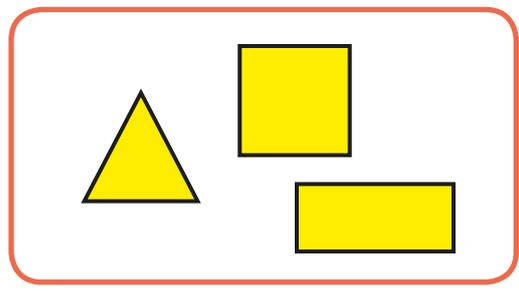


triangles

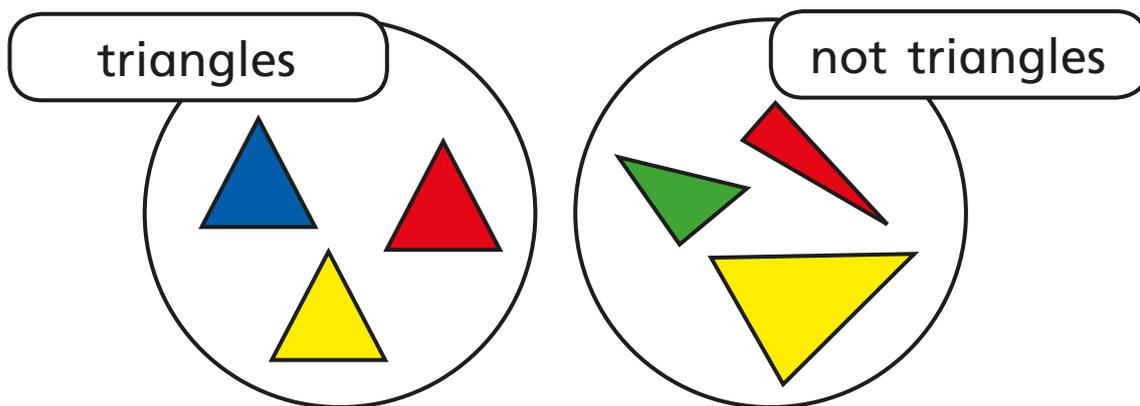


squares

2 How have the shapes been sorted?

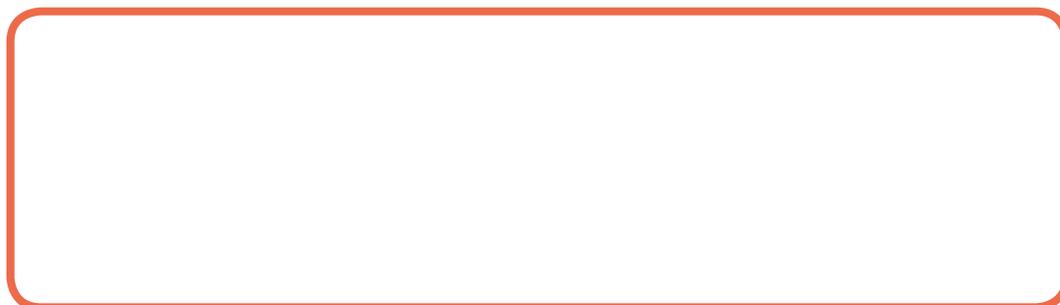


3 Eva has sorted some shapes.



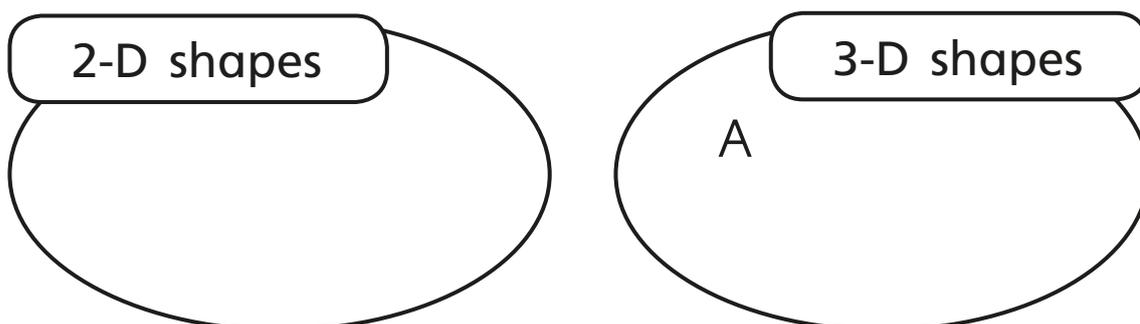
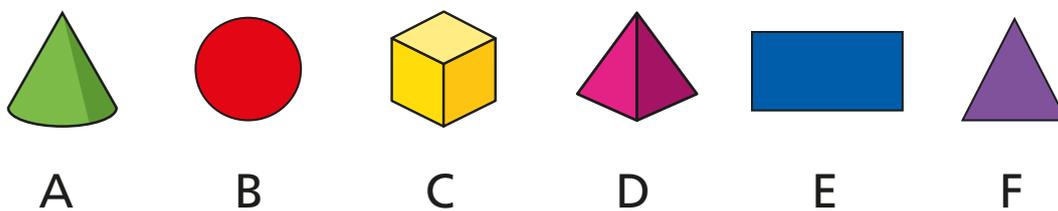
a) Is Eva correct?

b) Draw a shape that is not a triangle.



4 Sort the shapes into groups.

The first one has been done for you.



# Patterns with 2-D and 3-D shapes



**1** Draw the next 2 shapes in each pattern.

a)

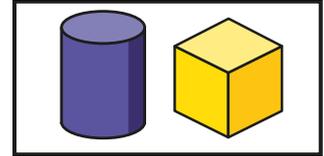
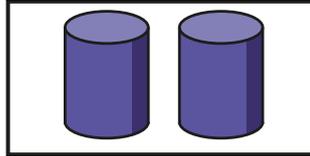
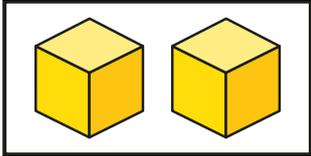
b)

c)

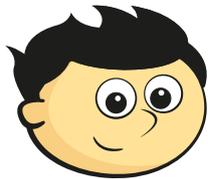
**2** Tick the shapes that fit in the pattern.

a)

b)



3



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

Draw the first 9 shapes in Jack's pattern.



4

Amir makes a pattern with these shapes.

- 4 cuboids
- 3 cones
- 4 cylinders

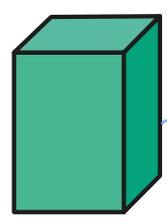
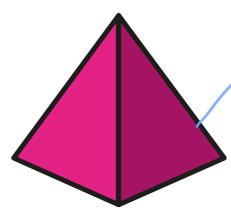
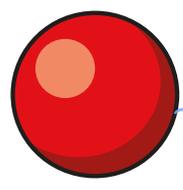
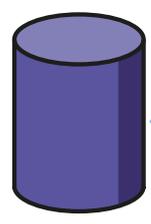
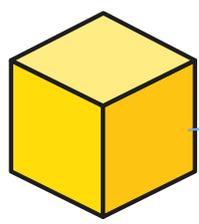
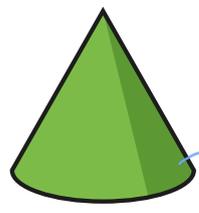
What could Amir's pattern be?

How many different patterns can you make?



# Recognise and name 3-D shapes

I Match each shape to its name.



sphere

cone

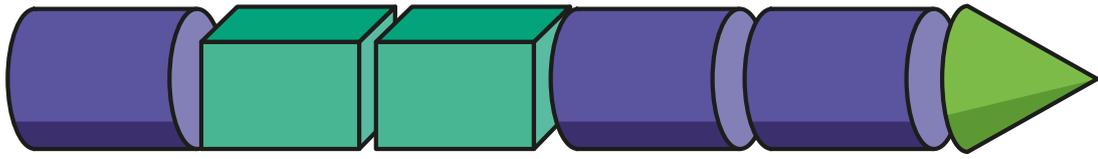
cuboid

pyramid

cylinder

cube

2 a) Make this train.



Complete the sentences.

The train has  cylinders.

The train has 2 cuboids.

The last shape in the train is a cone.

b) Make a train with these shapes.

- 3 cubes
- 2 spheres
- 1 cone

Is your train the same as your partner's?  
What is the same and what is different?

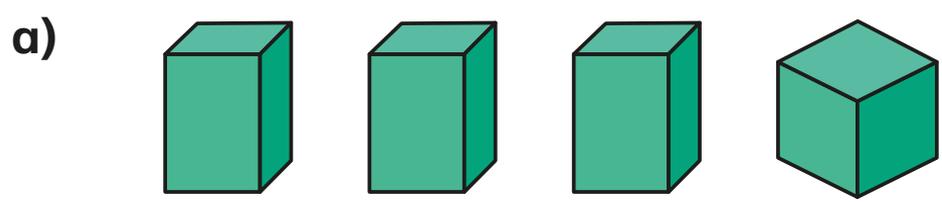
c) Make a train with shapes in this order.

- 1st: sphere
- 2nd: cuboid
- 3rd: cuboid
- 4th: cylinder
- 5th: pyramid

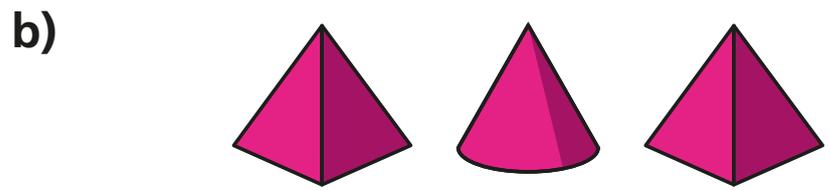


# Sort 3-D shapes

1 Circle the odd one out and complete the sentence.



The odd one out is a Cube.



The odd one out is a cone.

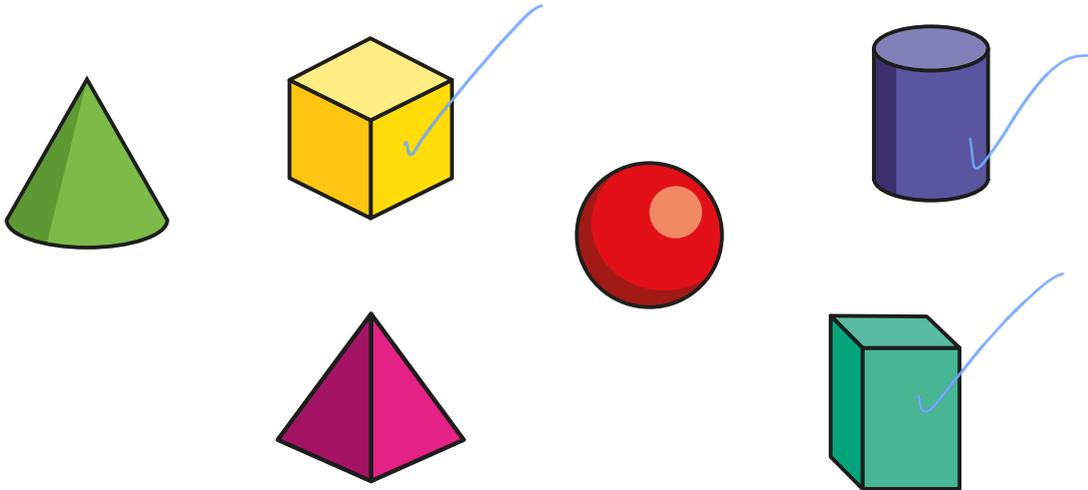
2 Draw lines to sort the shapes into groups.  
The first one has been done for you.



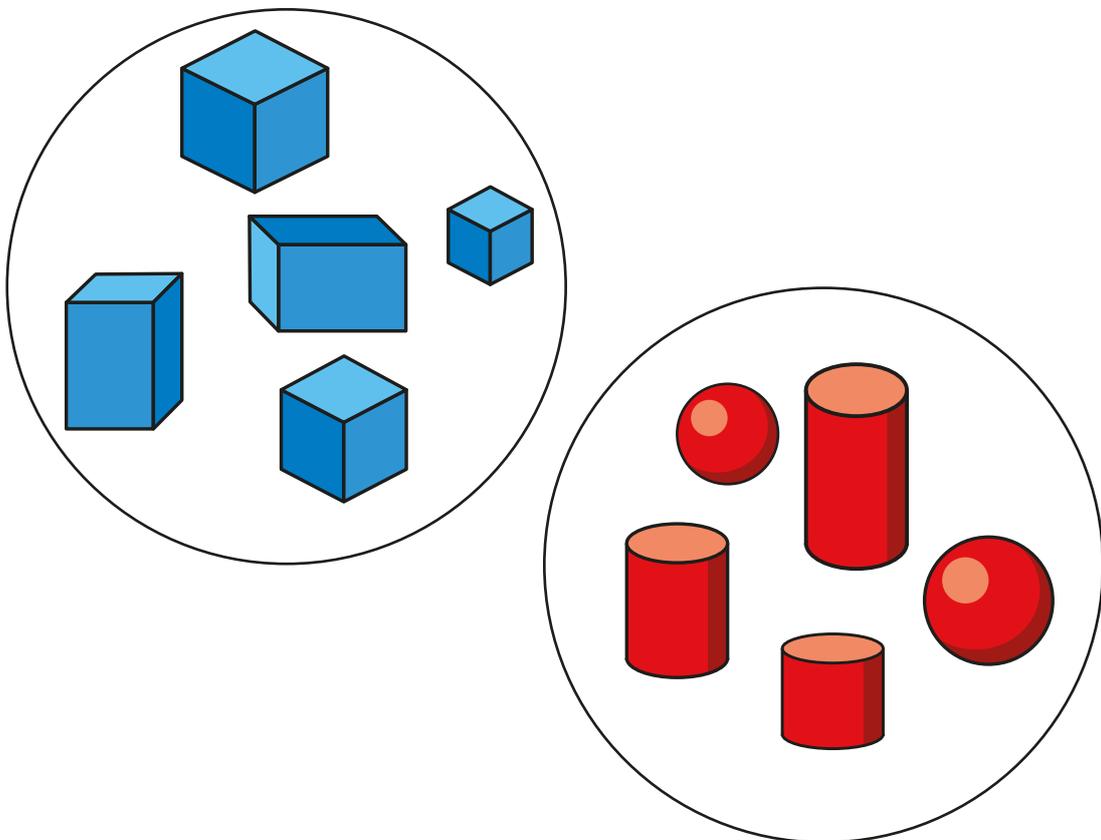
The sorting activity shows two groups: 'cylinders' and 'spheres'. The objects are: a blue cylinder, a yellow sphere, a soccer ball, a purple cylinder, a green sphere, a red sphere, and a can of beans. A black line connects the soccer ball to the 'cylinders' group. Blue lines connect the blue cylinder, yellow sphere, green sphere, red sphere, and the can of beans to the 'spheres' group.



3 Tick the shapes that stack.



4 How have the shapes been sorted?



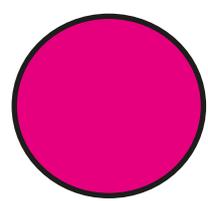
Can you sort the shapes another way?

# Recognise and name 2-D shapes

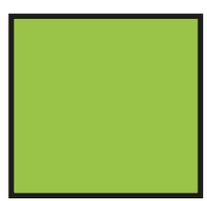
1 Label the shapes.

Use the word bank to help you.

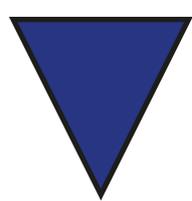
square    rectangle    circle    triangle



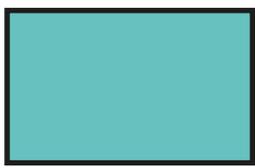
circle



square

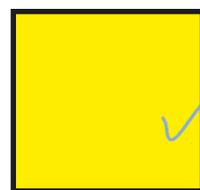
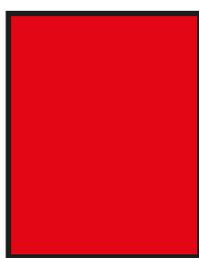
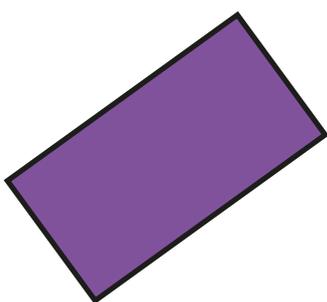


triangle

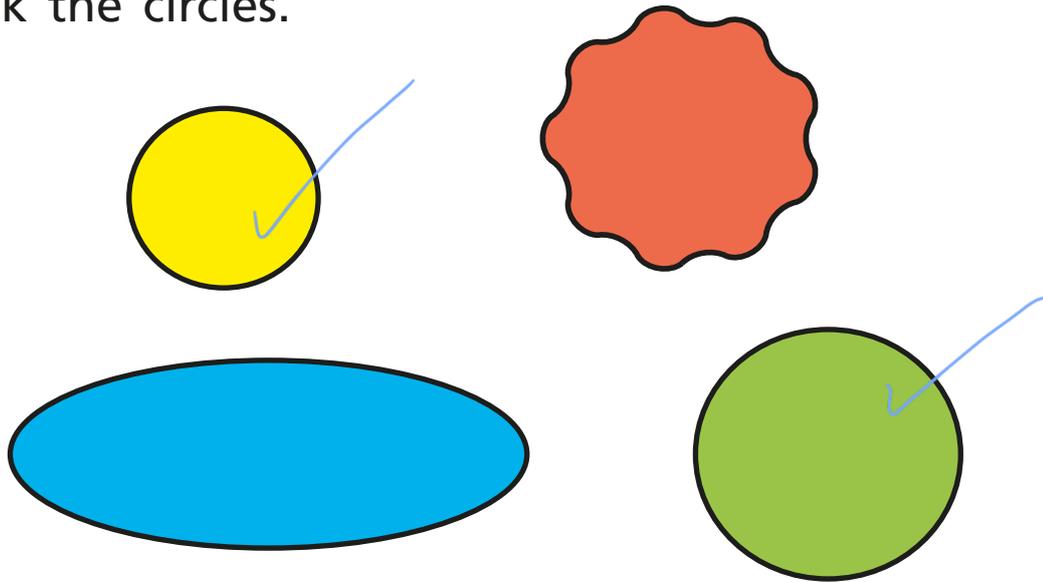


rectangle

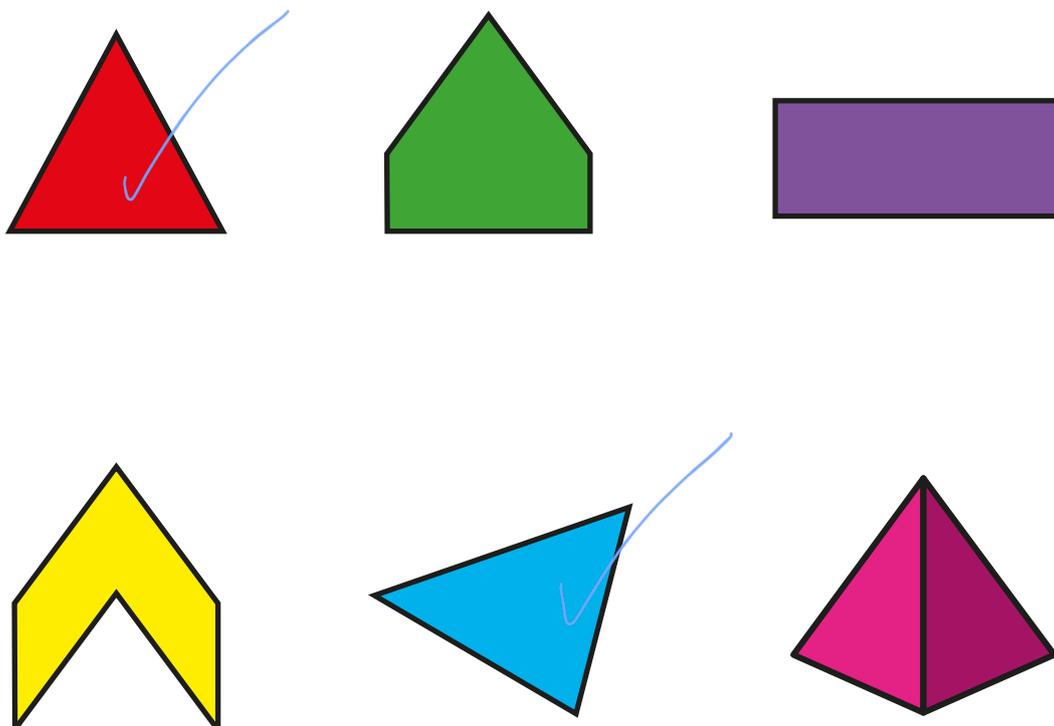
2 Tick the square.



3 Tick the circles.



4 Tick the triangles.



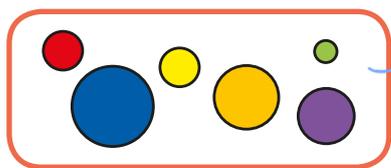
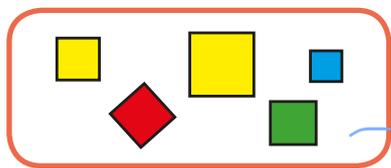
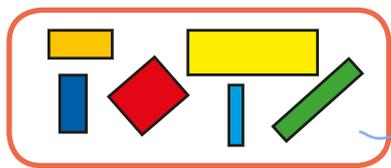
How did you choose which shapes to tick?



# Sort 2-D shapes



1 Match the groups of shapes to the labels.



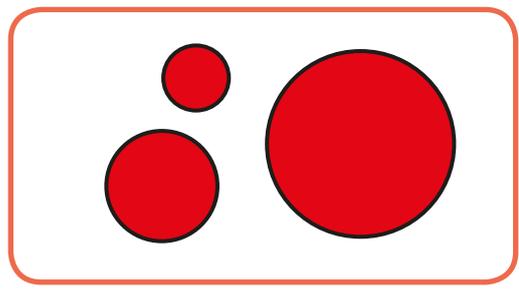
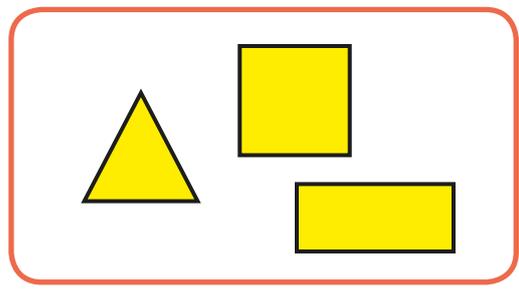
rectangles

circles

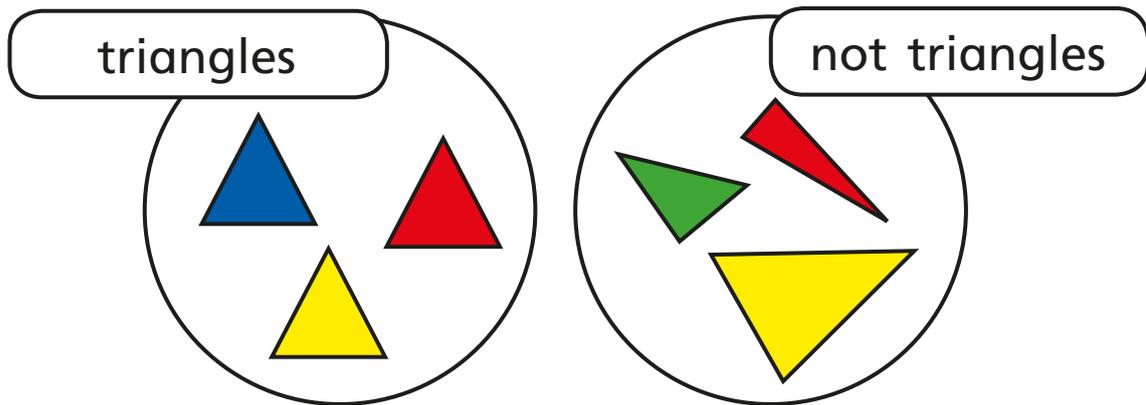
triangles

squares

2 How have the shapes been sorted?

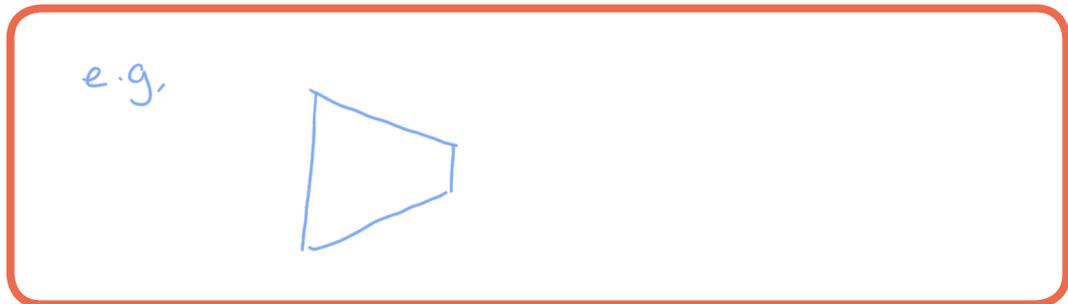


3 Eva has sorted some shapes.



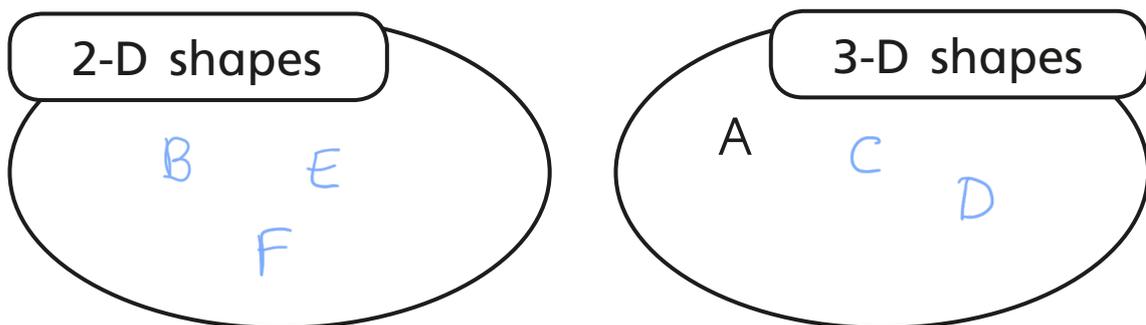
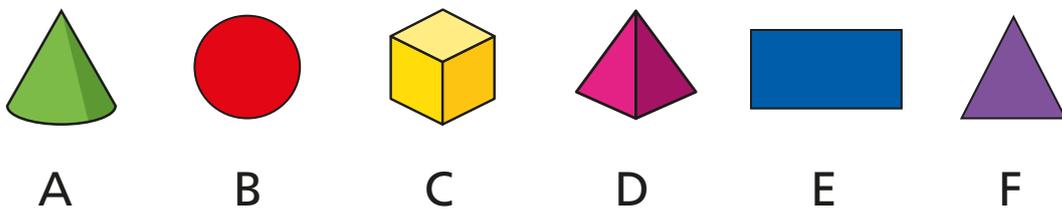
a) Is Eva correct?

b) Draw a shape that is not a triangle.



4 Sort the shapes into groups.

The first one has been done for you.



# Patterns with 2-D and 3-D shapes



**1** Draw the next 2 shapes in each pattern.

a)

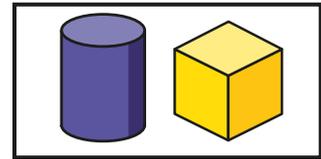
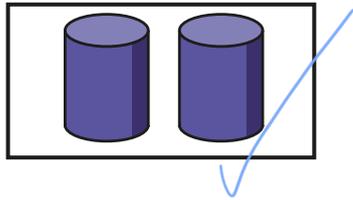
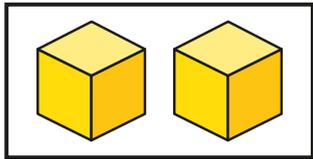
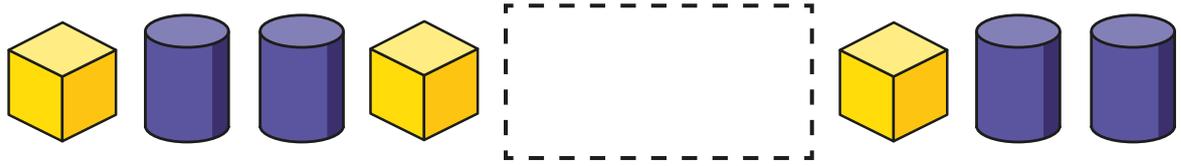
b)

c)

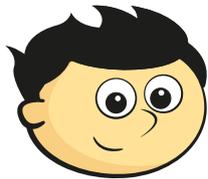
**2** Tick the shapes that fit in the pattern.

a)

b)

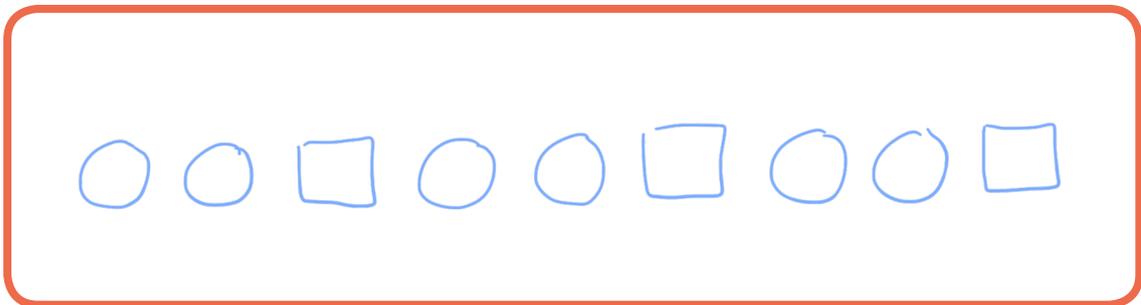


3



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

Draw the first 9 shapes in Jack's pattern.



4

Amir makes a pattern with these shapes.

- 4 cuboids
- 3 cones
- 4 cylinders

What could Amir's pattern be?

How many different patterns can you make?

