1 Complete the sentences to describe the shapes.
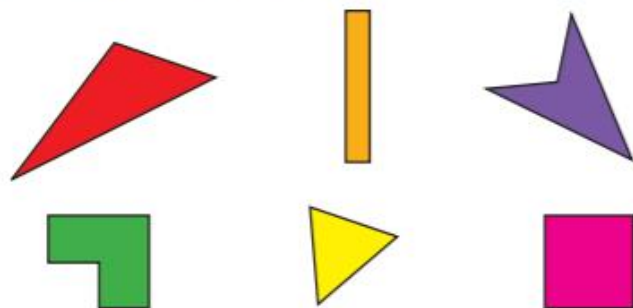
a)

A pentagon has ☐ sides.

b)

A triangle has ☐ sides.

c)

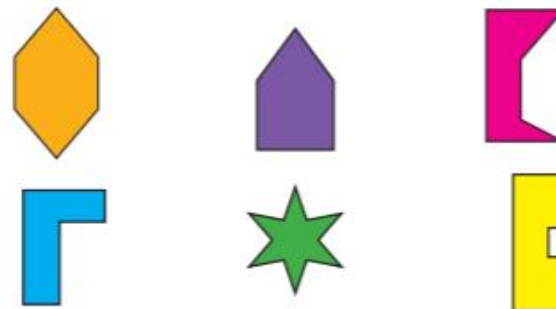
A _____ has ☐ sides.

d)

A _____ has ☐ sides.

2 Which shapes have 4 sides?

Did your partner choose the same shapes?

3 Which shapes have 6 sides?

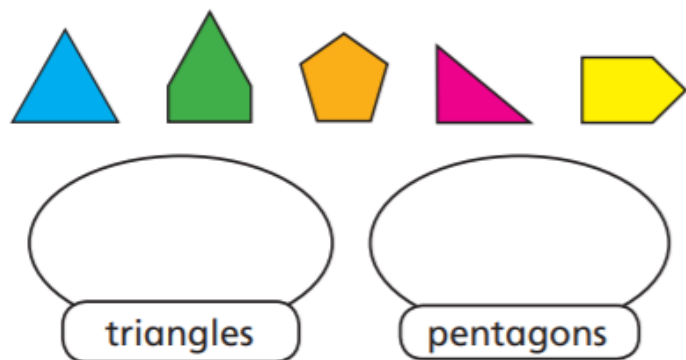Compare answers with a partner.
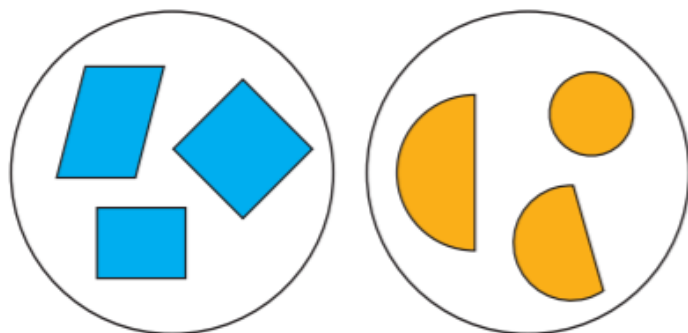
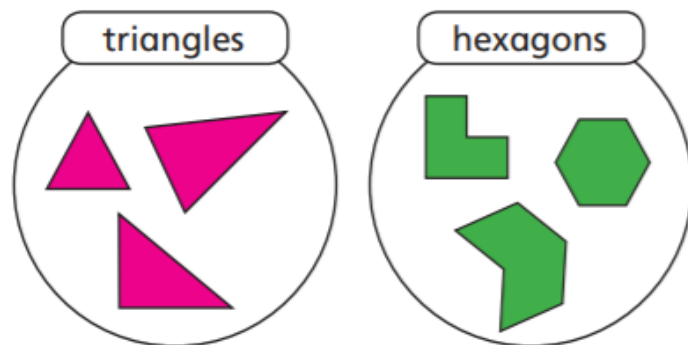**4** Complete the table.

Name	Shape	Number of sides
		3
pentagon		
		6
square		
		8

1 Sort the shapes into groups.

triangles

pentagons

2 How have the shapes been sorted?

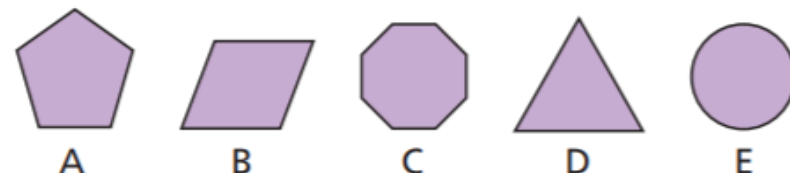**3** Eva sorts some shapes.

triangles

hexagons

a) Is Eva correct?

How do you know?

b) Draw a group of three different pentagons.
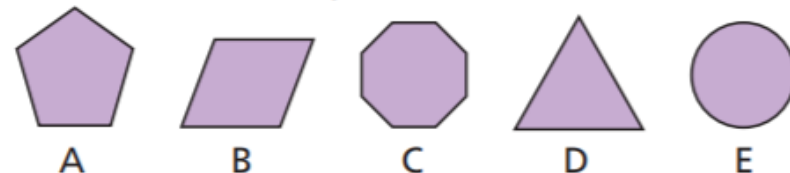
4 **a)** Sort the shapes in order of the number of sides.

Start with the shape that has the fewest sides.

A   B   C   D   E

b) Sort the shapes in order of the number of vertices.

Start with the shape that has the fewest vertices.

A   B   C   D   E

c) What do you notice about your answers to part a) and part b)?

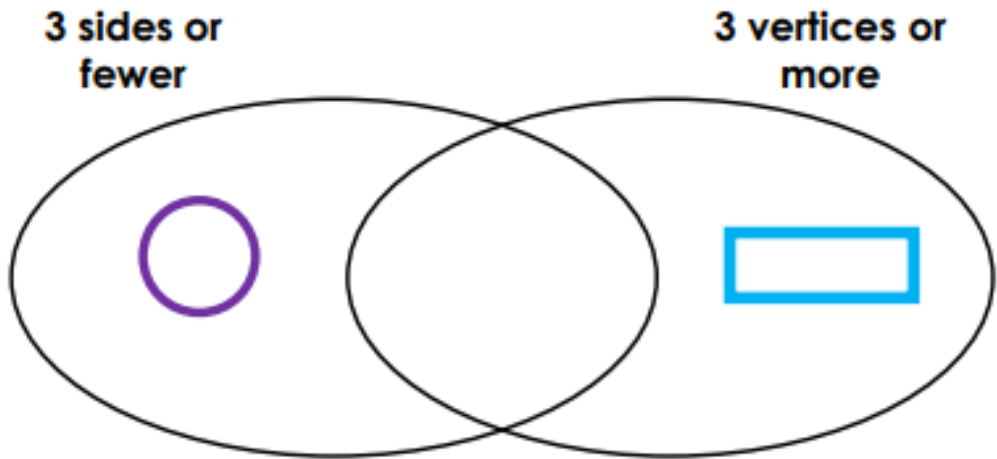**5** Draw three different shapes in each group.

shapes with 4 sides

shapes with an odd number of vertices

shapes with an even number of sides
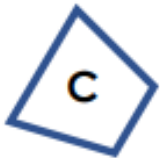
Choose a question or answer both, you decide.

1b. Sort the shapes below by writing their letters in the correct part of the Venn diagram.

3 sides or fewer

3 vertices or more

A (hexagon) B (triangle) C (square)

D (star)

VF

4b. Write the letters of the shapes in the correct section of the Carroll diagram.

	More than 4 vertices	4 vertices or fewer
Irregular shape		
Regular shape		

A (pentagon) B (triangle) C (pentagon)

D (teardrop) E (cross) F (circle)

E (star)

VF