I Draw lines to sort the shapes into groups.

2. How have the shapes been sorted?


3 Eva sorts some shapes.

a) Is Eva correct? $\qquad$ 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
fewest

B

C

D

E
$E$
$\qquad$ D B $B$ $\qquad$ C
b) Sort the shapes in order of the number of vertices.

Start with the shape that has the fewest vertices.


A
fewest


B


$\qquad$

C

D
E
most
$\qquad$
$\qquad$
$\qquad$
$\qquad$
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
e.9.

shapes with an odd number of vertices
e.g.

shapes with an even number of sides
e.g.

(1) Circle the odd one out in each group and complete the sentences.
a)


The odd one out is a $\qquad$ _.
b)


The odd one out is a $\qquad$
(2) Tick the shape that could go in the group.

(3) Tick the shape that could go in both groups.

4. How have the shapes been grouped?

5) Write the name of a 3D shape that could go in each group.


Can you think of any other shapes to go in each group?
6) a) Draw lines to sort the shapes into two groups.

b) Give each of your groups a label.

Group A: Has at least one triangularface Group B: Has no triangular faces

Compare answers with a partner.

