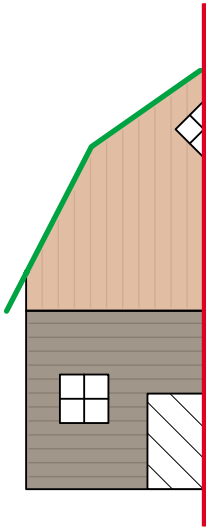


Skills Bank

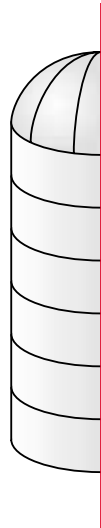
LESSON

1. Copy each symmetry puzzle.
Use symmetry to complete the pictures.

a)



b)



2. Use symmetry to create a picture.
How many lines of symmetry does your picture have?

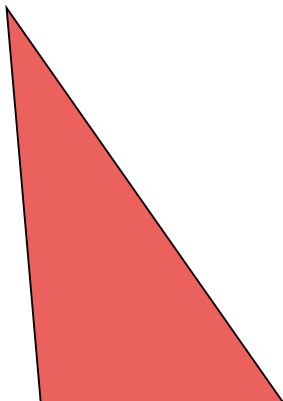
2

3. Draw these triangles.

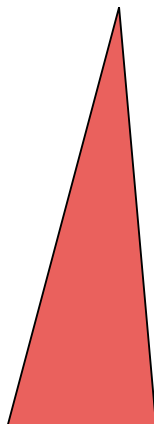
- a) One side length is 7 cm and one angle is 80° .
b) One side length is 7 cm and two angles are 80° and 60° .
c) Two side lengths are 5 cm each and the angle between them is 105° .

3. 4. Classify the triangles by the sizes of their angles.

a)



b)



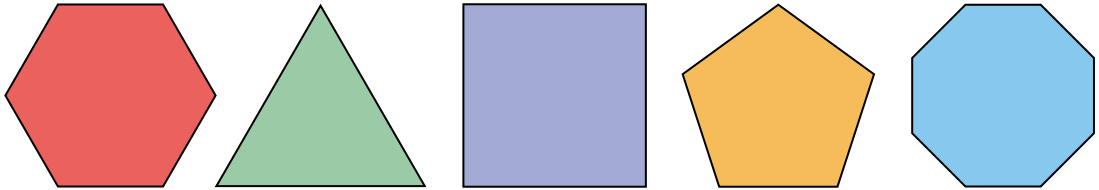
4

5. Draw an example of each.

- a) obtuse-angled triangle
- b) acute-angled triangle
- c) right-angled triangle
- d) scalene triangle
- e) equilateral triangle
- f) isosceles triangle

5

6. a) Name these regular polygons in order from least to greatest angle size.
b) Measure and record the angles to check.

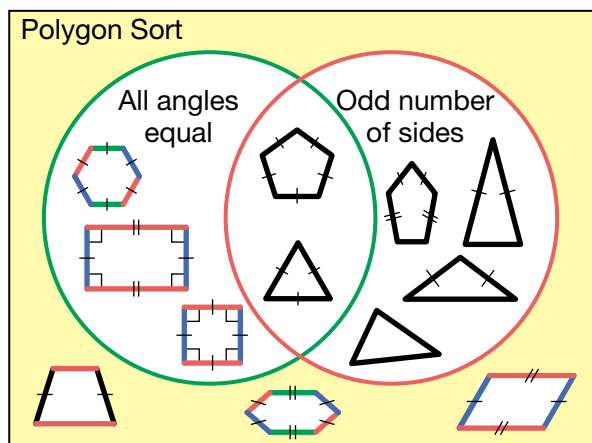


6

7. a) Write some properties of a parallelogram.
b) Explain why a rectangle is a parallelogram.
c) Explain why a square is a parallelogram.
d) Explain why a rhombus is a parallelogram.

7

8. a) How are the shapes in the green circle the same?
b) How are the shapes in the red circle the same?



- c) Why are there three shapes outside both circles?
d) Where do these shapes belong in the Venn diagram?

