# Perimeter of Compound Shapes – Puzzling Perimeters

1. Find the perimeter of each shape.

12m

8m

10m

6m

10m

7m

6m

12m

2. Find the perimeter of each shape:

a.

8m

9m

b.

2m

5m

6m

c.

15m

5m

8m

d.

3m

2.75m

4.5m

5.25m
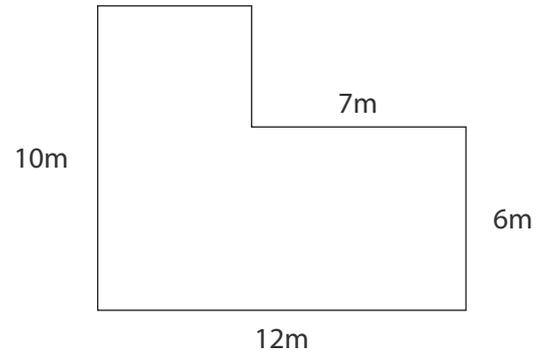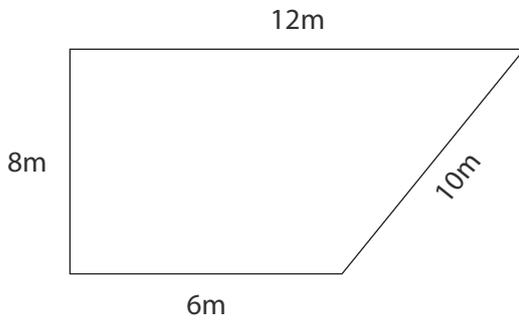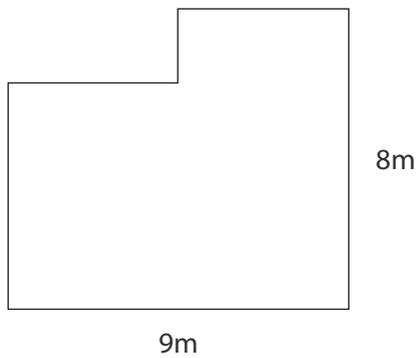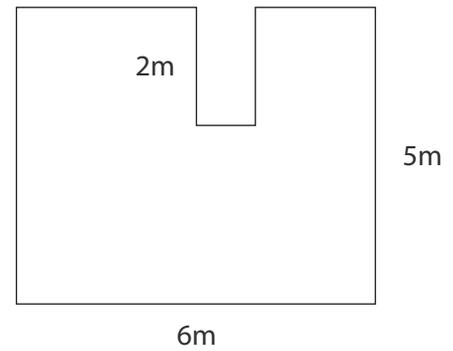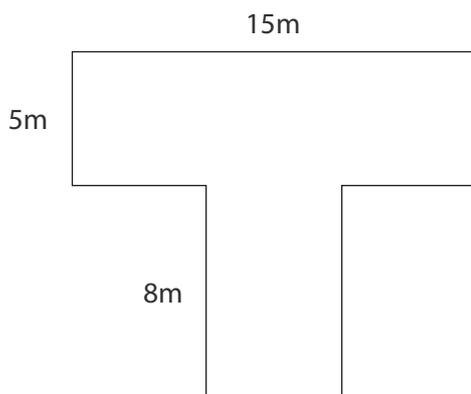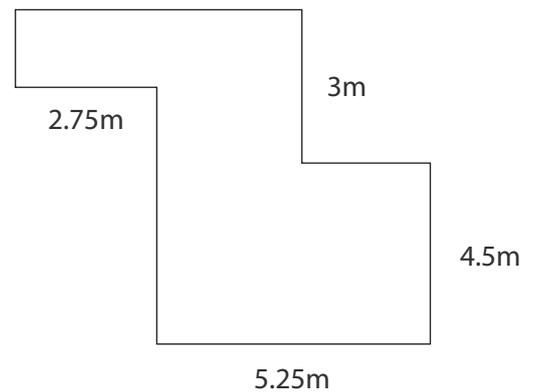
3. The perimeter of each shape is 50cm. Find the length of side a and side b.

a.

4m

a

6m

5m

b.

11.5m

9.8m

b
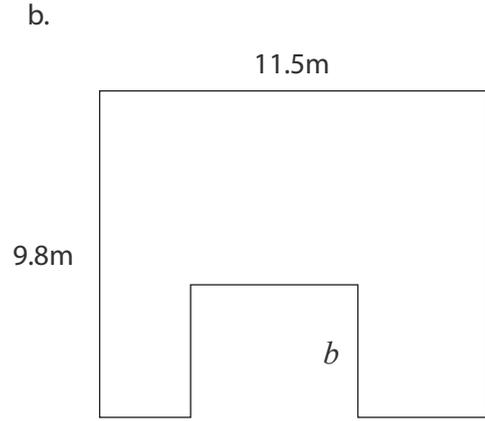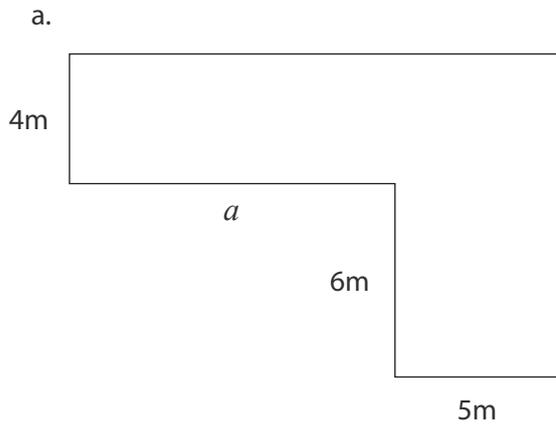
4. A shape is made from four squares and four identical triangles. If the perimeter of the shape is 34m, what is the length of the longest side of each triangle?

3m

4m
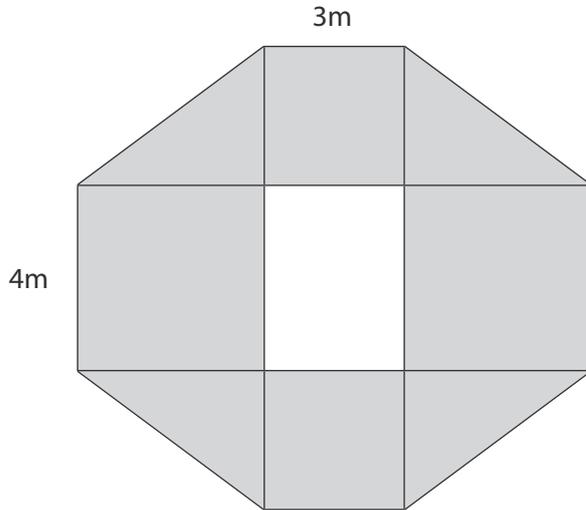
5. A shape is made up of four identical triangles. The length of the sides of the triangles are given below. What is the perimeter of the shape?

26m

10m

24m