Worksheet 6
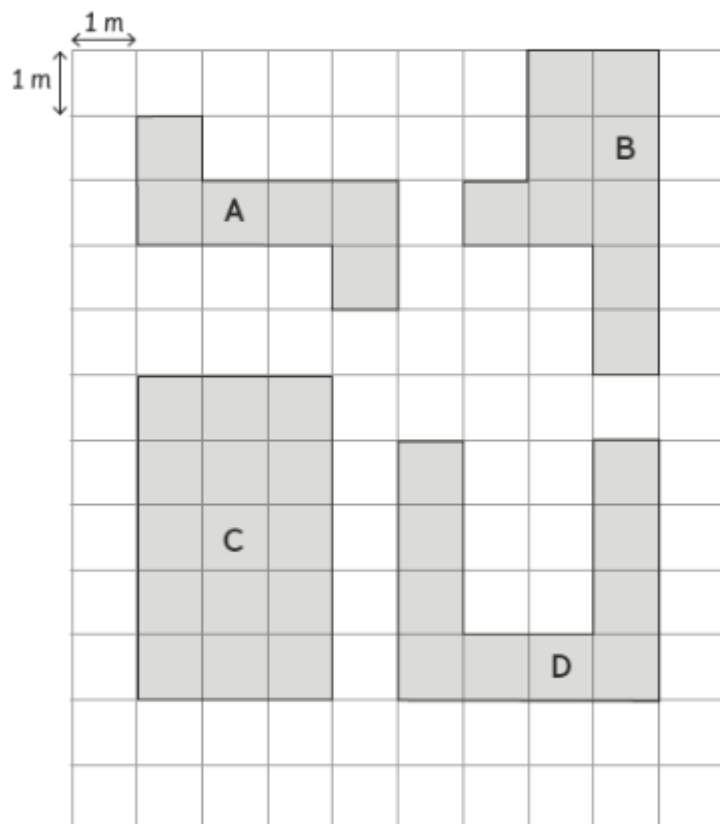
Calculating Perimeter

Figures A, B, C and D are drawn on a 1-m square grid.
Fill in the blanks.

(a) The perimeter of figure A is [14] m.

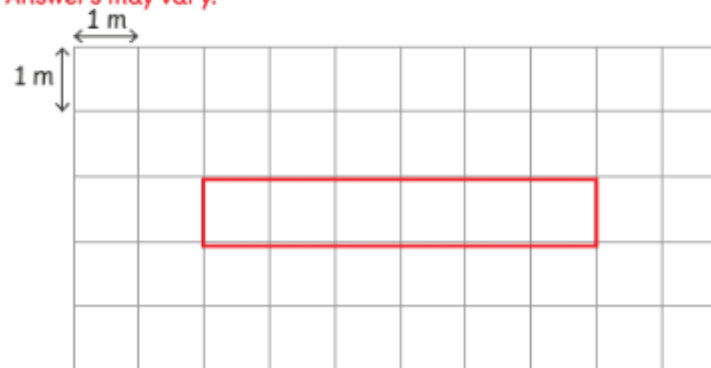(b) The perimeter of figure B is [16] m.

(c) The perimeter of figure C is [16] m.

(d) The perimeter of figure D is [22] m.

(e) Figure [D] has the longest perimeter.

(f) Figure [A] has the shortest perimeter.

(g) The perimeter of figure B is [0] m longer than
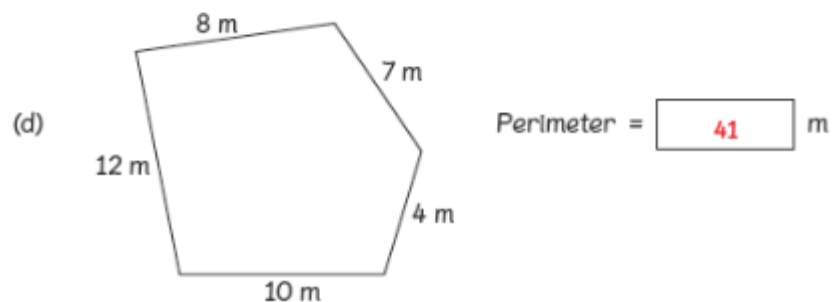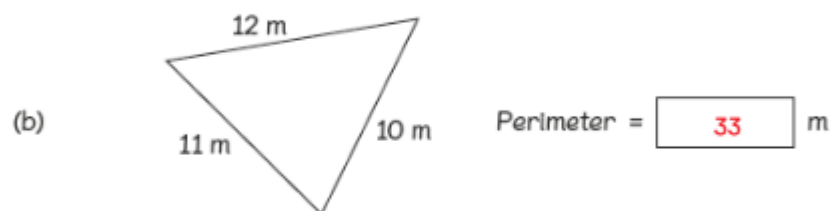
the perimeter of figure C.

(h) On the grid below, draw a figure with the same perimeter as figure A.
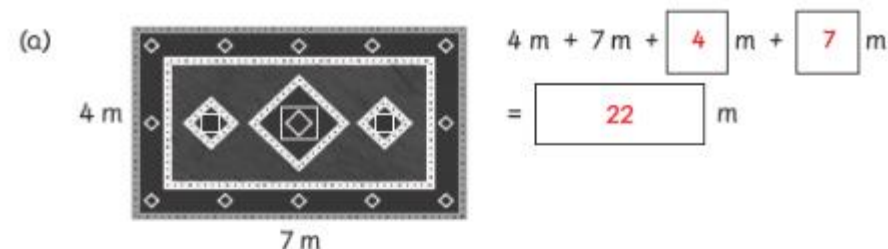Answers may vary.

Worksheet 7

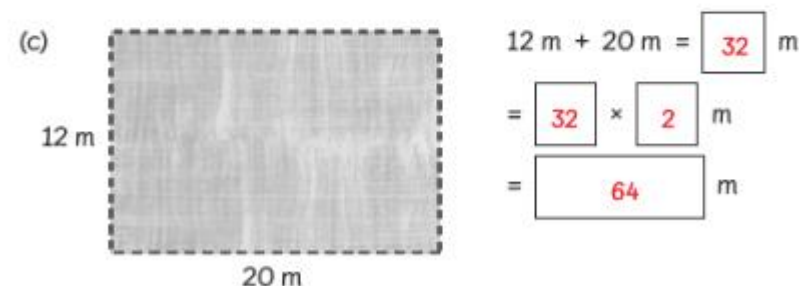### Calculating Perimeter

1 Find the perimeter of each figure.

(a)

6 m

3 m

Perimeter = 18 m

(b)

12 m

11 m   10 m

Perimeter = 33 m

(c)

9 m

Perimeter = 36 m

(d)

8 m

7 m

12 m

4 m

10 m

Perimeter = 41 m

2 Find the perimeter.

(a)

4 m

7 m

$4 m + 7 m + \boxed{4} m + \boxed{7} m$

$= \boxed{22} m$

The perimeter of the carpet is $\boxed{22}$ m.

(b)

8 m

$8 m + 8 m + 8 m + 8 m$

$= \boxed{4} \times 8 m$

$= \boxed{32} m$

The perimeter of the platform is $\boxed{32}$ m.

(c)

12 m

20 m

$12 m + 20 m = \boxed{32} m$

$= \boxed{32} \times \boxed{2} m$

$= \boxed{64} m$

The perimeter of the field is $\boxed{64}$ m.