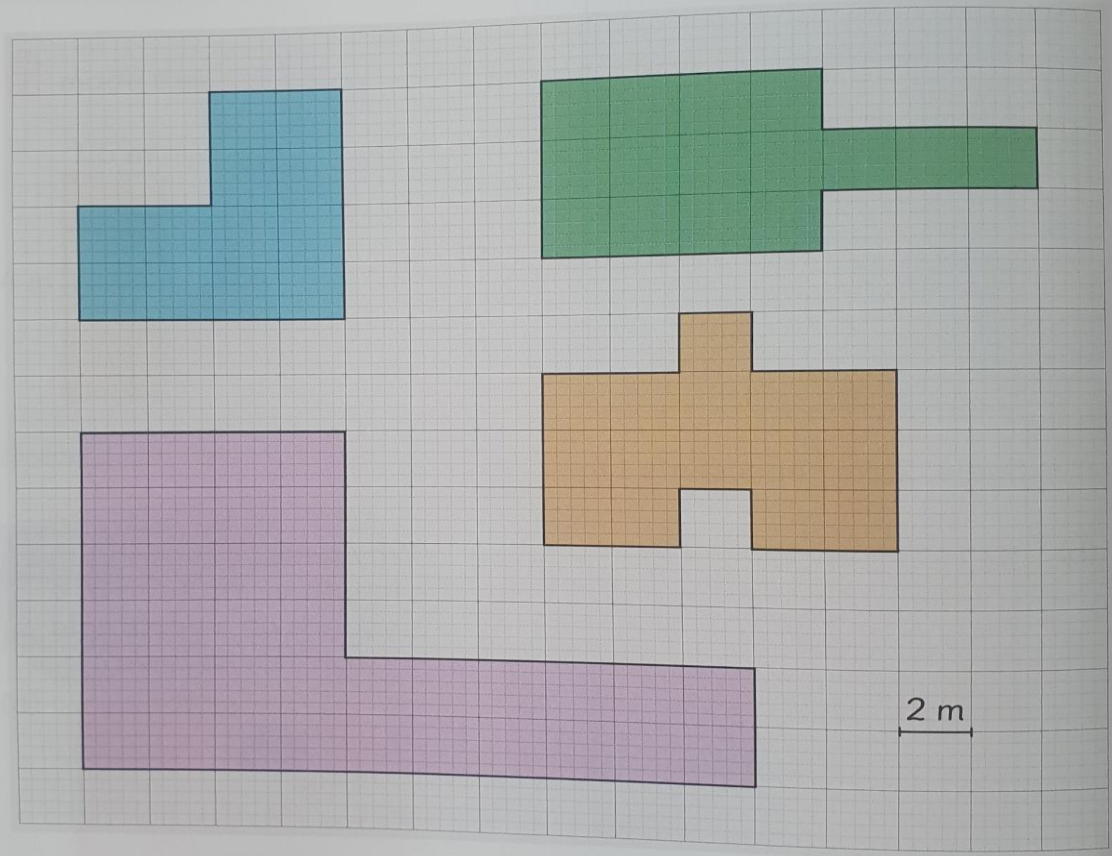
Measuring the Area

Lesson 10

In Focus

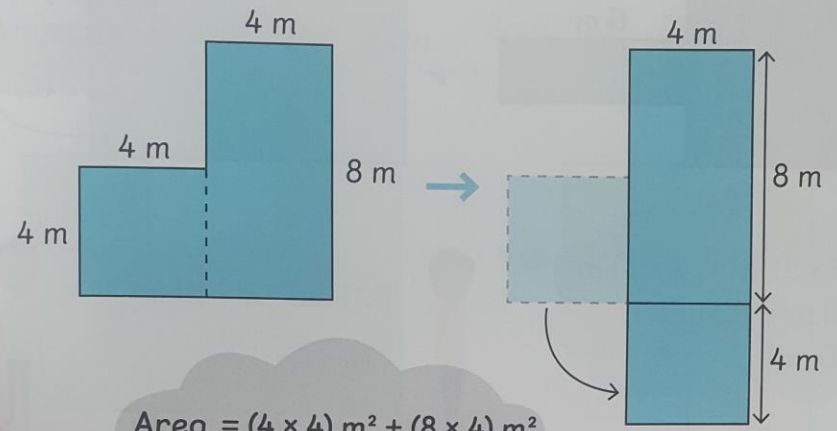


Can each of these be cut and rearranged to form a rectangle?

Measure to find the information needed to work out the area of each figure.

Let's Learn

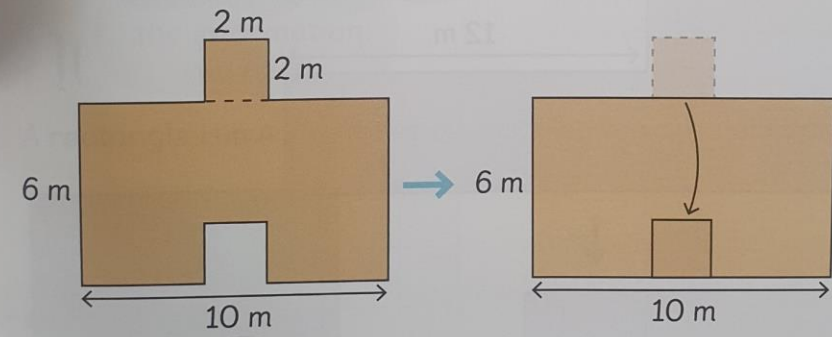
1



Area = $(4 \times 4)\ m^2 + (8 \times 4)\ m^2$
$= 16\ m^2 + 32\ m^2$
$= 48\ m^2$

Area = $12 \times 4\ m^2$
$= 48\ m^2$

2



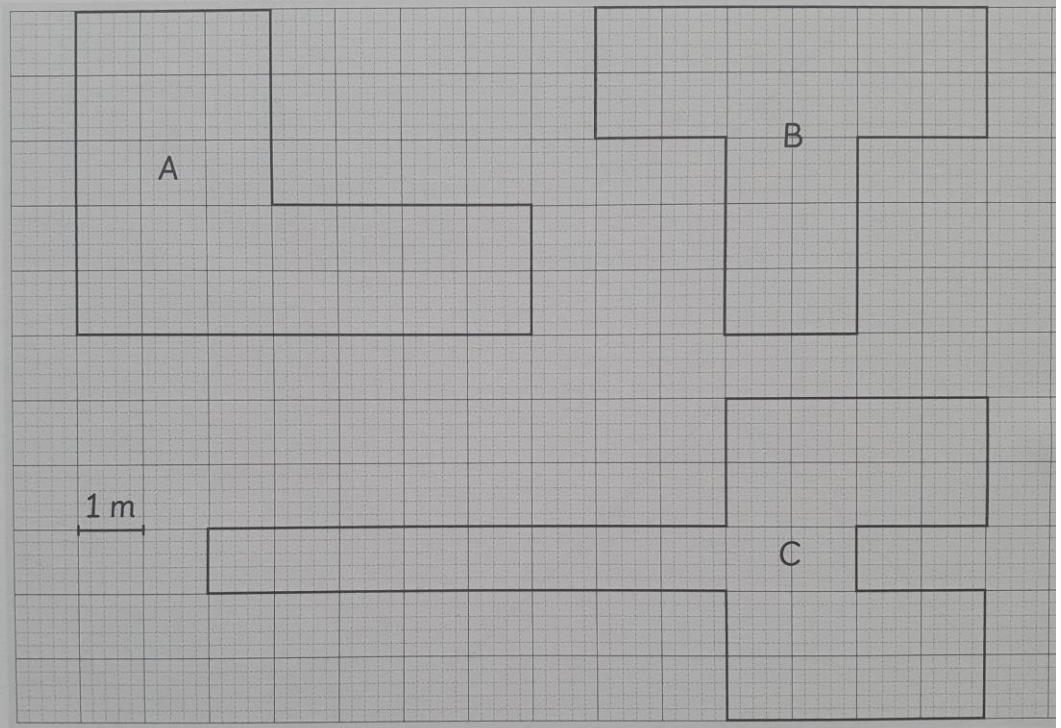
Area = $(6 \times 10)\ m^2 - (2 \times 2)\ m^2$
$+ (2 \times 2)\ m^2$
$= 60\ m^2 - 4\ m^2 + 4\ m^2$
$= 56\ m^2 + 4\ m^2$
$= 60\ m^2$

Area = $6 \times 10\ m^2$
$= 60\ m^2$

Worksheet 10

Measuring the Area

1 Using the scale below, find the area of each figure.

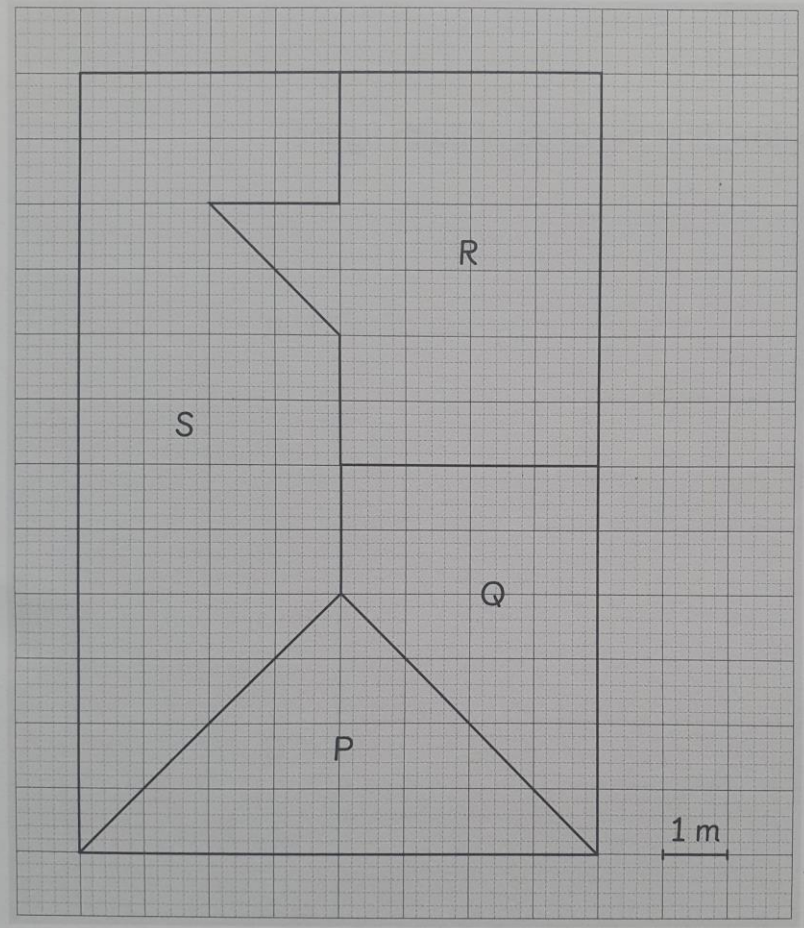


(a) Area of Figure A =

(b) Area of Figure B =

(c) Area of Figure C =

2 A rectangle is cut into four pieces. Using the scale below, find the area o each piece.



(a) Area of P =

(b) Area of Q =

(c) Area of R =

(d) Area of S =