

## Can I measure and calculate perimeter?

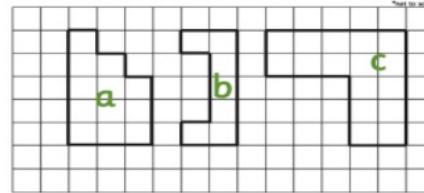
1

### Draw shapes with given properties

- Work in pairs. Each draw a T shape, an L shape or an F shape on cm squared paper. Your shape must not have any diagonal lines.
- Once you have drawn your shape, count the number of cm round the edge of your shape. Write the total on a sticky note and stick it on the back of your piece of paper.
- Swap with your partner. Calculate the perimeter of your partner's shape, by pairing the sides and adding. Show your working.
- Turn over the paper to compare your answer to the one on the sticky note. Do you have the same total? If there is a difference, discuss it. Who is correct?

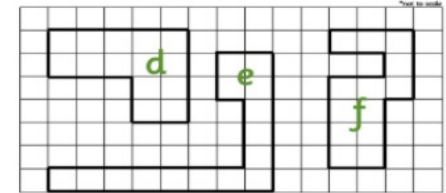
2

Find the perimeter of these shapes in cm.



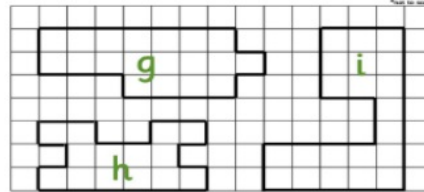
On centimetre squared paper, draw 3 rectilinear shapes with a perimeter of 22cm.

Find the perimeter of these shapes in cm.



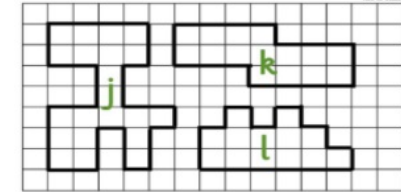
On centimetre squared paper, draw 3 rectilinear shapes with a perimeter of 14cm.

Find the perimeter of these shapes in cm.



On centimetre squared paper, draw 3 rectilinear shapes with a perimeter of 8cm.

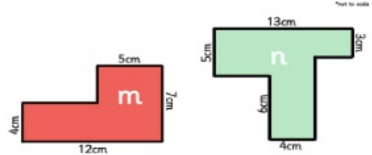
Find the perimeter of these shapes in cm.



On centimetre squared paper, draw 3 rectilinear shapes with a perimeter of 26cm.

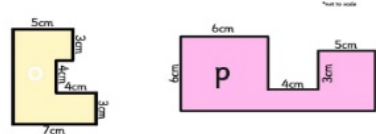
3

Find the perimeter of these shapes in cm.



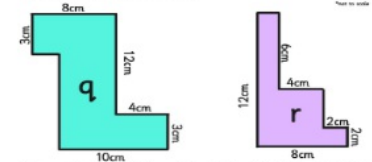
Draw a rectilinear shape with a perimeter of 38 cm. Mark the length of each side.

Find the perimeter of these shapes in cm.



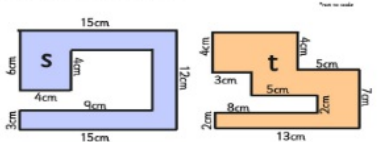
Draw a rectilinear shape with a perimeter of 48 cm. Mark the length of each side.

Find the perimeter of these shapes in cm.



Draw a rectilinear shape with a perimeter of 56 cm. Mark the length of each side.

Find the perimeter of these shapes in cm.



Draw a rectilinear shape with a perimeter of 76 cm. Mark the length of each side.

Bronze, Silver and Gold  
Start at activity 1 and go  
as far as you can with  
activity 2 and 3

### Perimeter Challenge Cards Answers

A 16cm	M 38cm
B 16cm	N 48cm
C 20cm	O 38cm
D 18cm	P 48cm
E 30cm	Q 54cm
F 22cm	R 40cm
G 22cm	S 80cm
H 24cm	T 64 cm
I 28cm	
J 34cm	
K 20cm	
L 20cm	