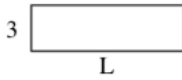


Action: calculate unknown sides to work out the perimeter of composite shapes.

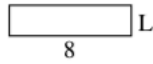
Lesson 3

Practice

7) Perimeter = 26



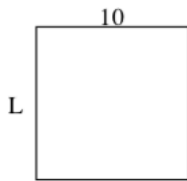
8) Perimeter = 20



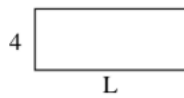
9) Perimeter = 30



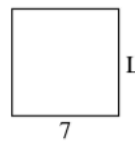
10) Perimeter = 40



11) Perimeter = 28

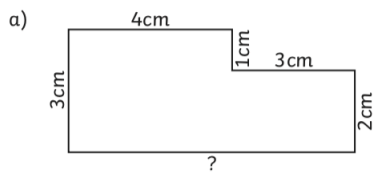


12) Perimeter = 28



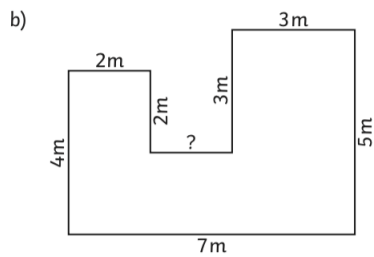
Apply

1) Calculate the perimeter of these shapes. First, calculate the length of the unknown side.



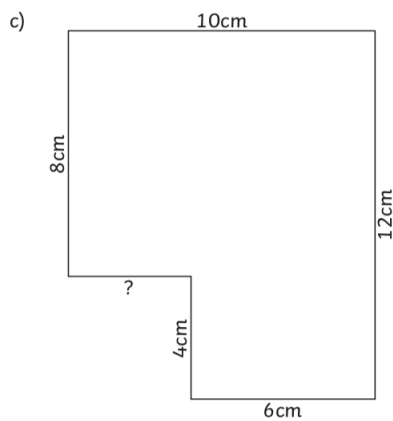
Unknown side: _____

Perimeter: _____



Unknown side: _____

Perimeter: _____



Unknown side: _____

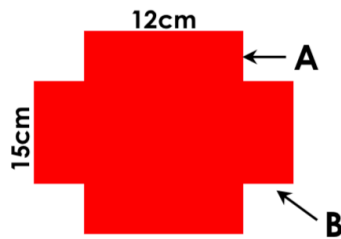
Perimeter: _____



* . * * *

1)

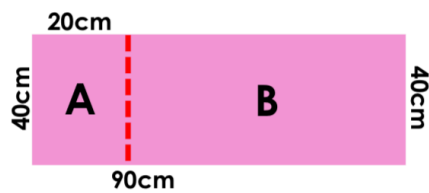
5b. The perimeter of this shape is 98cm.



What are the possible lengths for side A and for side B? Prove it.

2)

3a. Theo cuts along the dotted line. He thinks the new perimeters are:
A = 120cm and B = 220cm.



Is Theo correct? Prove it.