1 Work out the perimeter of each rectangle.

a)

$\fbox{5}$ cm + $\fbox{7}$ cm + $\fbox{5}$ cm + $\fbox{7}$ cm = $\fbox{24}$ cm

b)
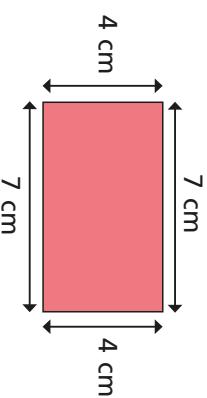
$\fbox{2}$ cm + $\fbox{8}$ cm + $\fbox{2}$ cm + $\fbox{8}$ cm = $\fbox{20}$ cm

c)

1 cm

$\fbox{1}$ cm + $\fbox{9}$ cm + $\fbox{1}$ cm + $\fbox{9}$ cm = $\fbox{20}$ cm
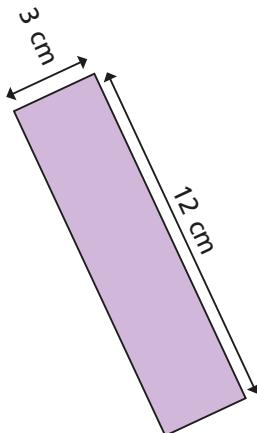
2 Work out the perimeter of the rectangles.

a)

4 cm
7 cm
7 cm
4 cm

$\fbox{22cm}$

b)

3 cm
12 cm

$\fbox{30cm}$

c)

9 cm
4 cm

$\fbox{26cm}$

d)

500 m
2 km
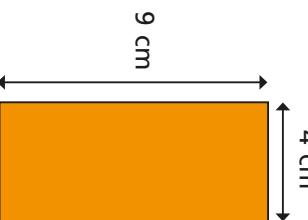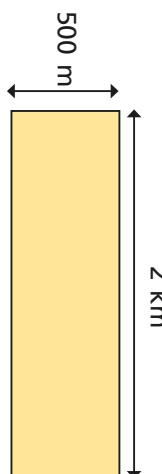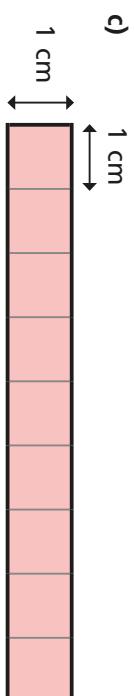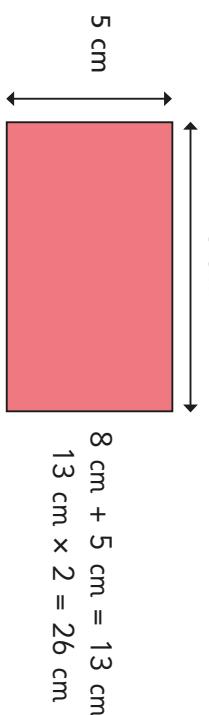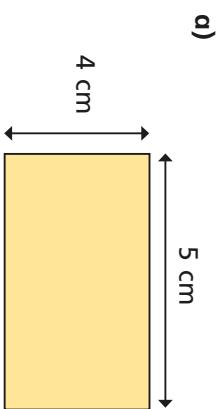
$\fbox{5km}$
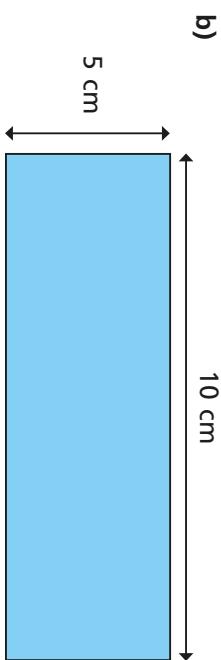
3 Tommy is working out the perimeter of some rectangles.

5 cm

8 cm

8 cm + 5 cm = 13 cm
13 cm × 2 = 26 cm

Use Tommy's method to find the perimeter of these rectangles.

a)

4 cm

5 cm
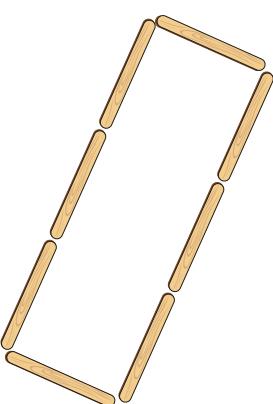
[5] cm + [4] cm = [9] cm

[9] cm × 2 = [18] cm

b)

5 cm

10 cm

[10] cm + [5] cm = [15] cm

[15] cm × 2 = [30] cm

**4** Each lolly stick is 8 cm long.
Find the perimeter of the shape.

[64 cm]
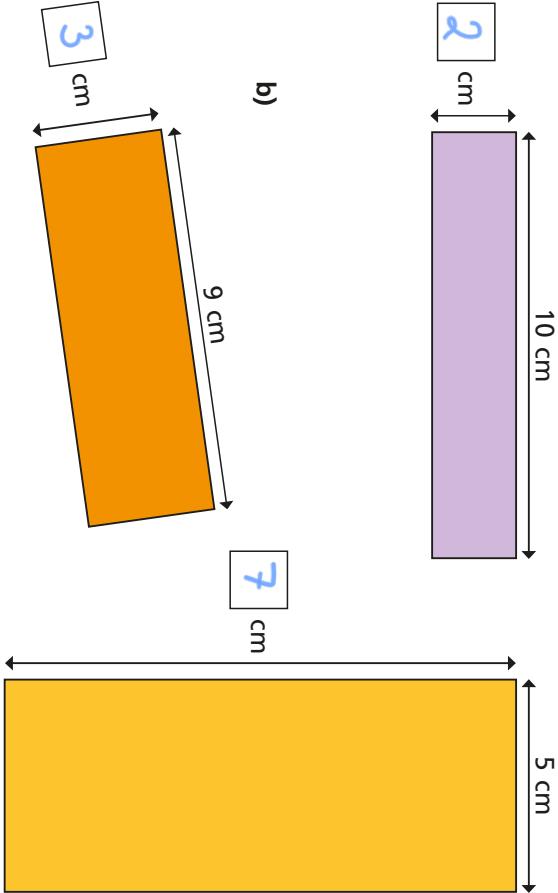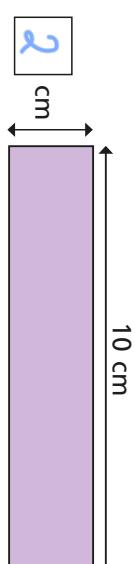
5 Each of these rectangles has a perimeter of 24 cm.
Work out the missing lengths and label the diagrams.

a) [2] cm, 10 cm

c) 5 cm, [7] cm

b) [3] cm, 9 cm

What do you notice?
Find any other rectangles that have the same perimeter.