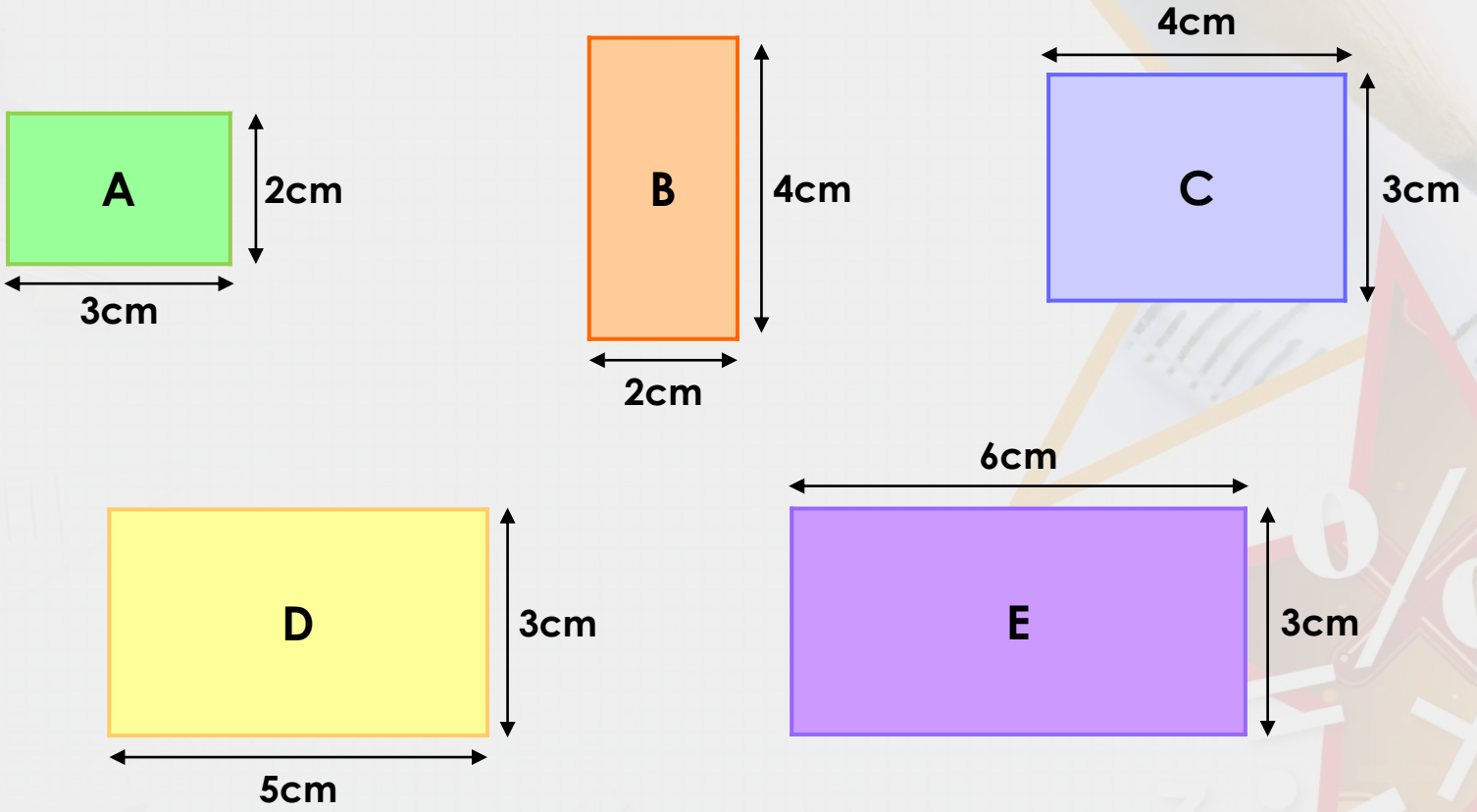
Year 3 - Calculate Perimeter

Introduction

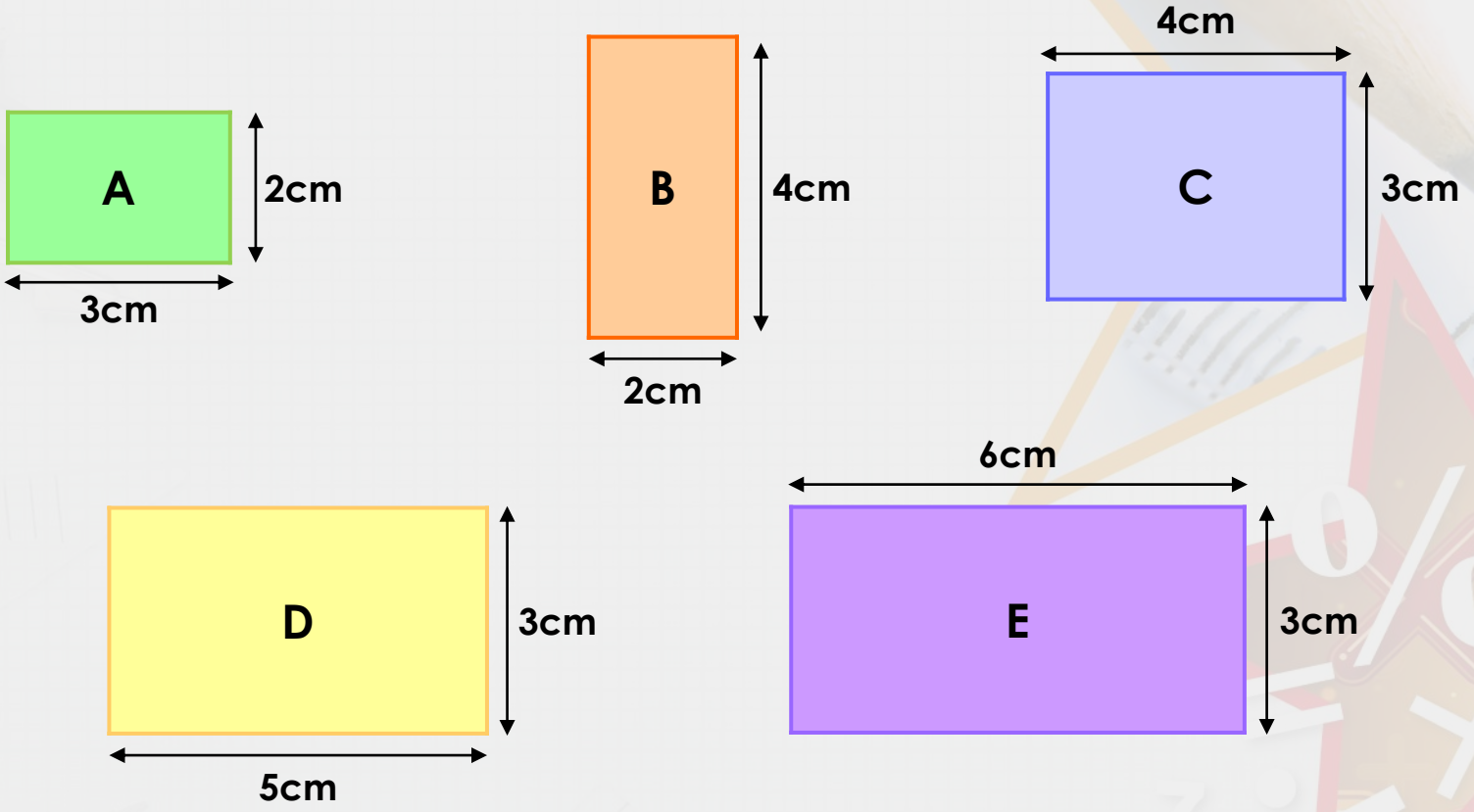
Find the perimeter of each rectangle below.



Can you spot a pattern between the perimeters?

Introduction

Find the perimeter of each rectangle below.

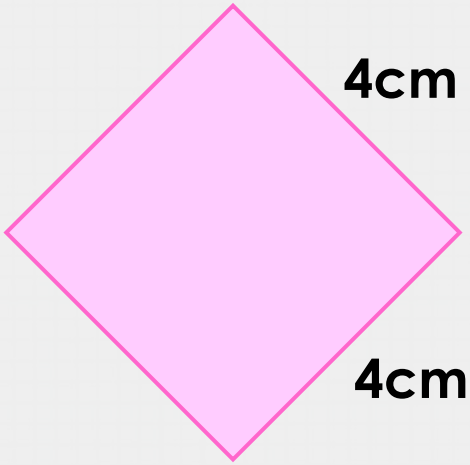


A = 10cm, B = 12cm, C = 14cm, D = 16cm and E = 18cm

Can you spot a pattern between the perimeters?

Yes, the perimeters increase by 2cm each time.

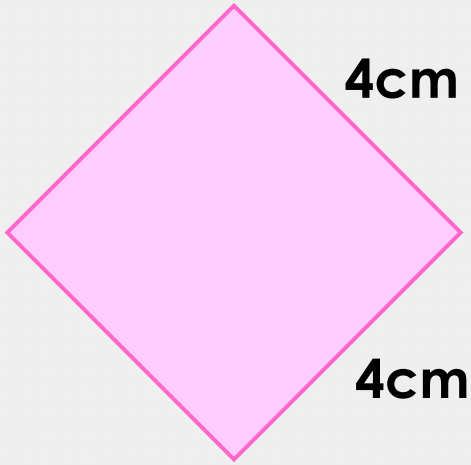
Complete the calculations to work out the perimeter of the square.



4cm + ☐ + ☐ + 4cm = ☐

4cm x ☐ = ☐

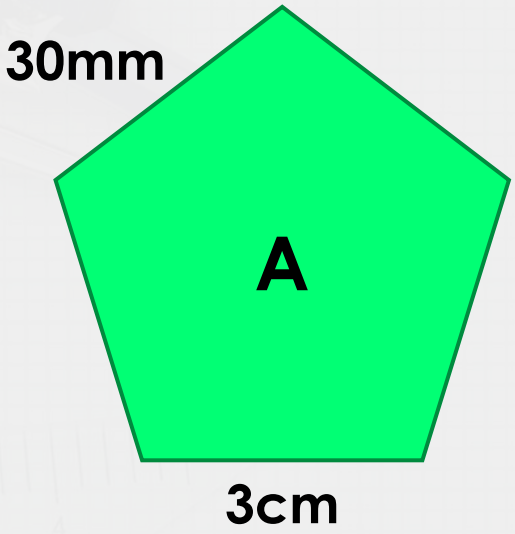
Complete the calculations to work out the perimeter of the square.

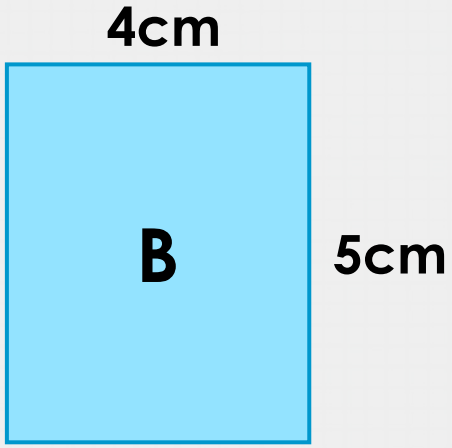


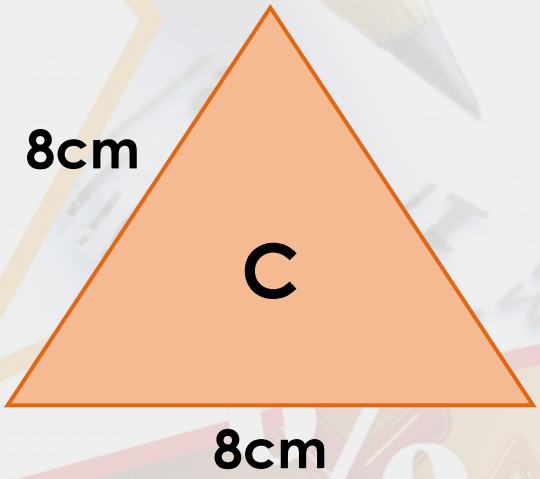
4cm + [4cm] + [4cm] + 4cm = [16cm]

4cm x [4] = [16cm]

Match the shapes to their perimeters.



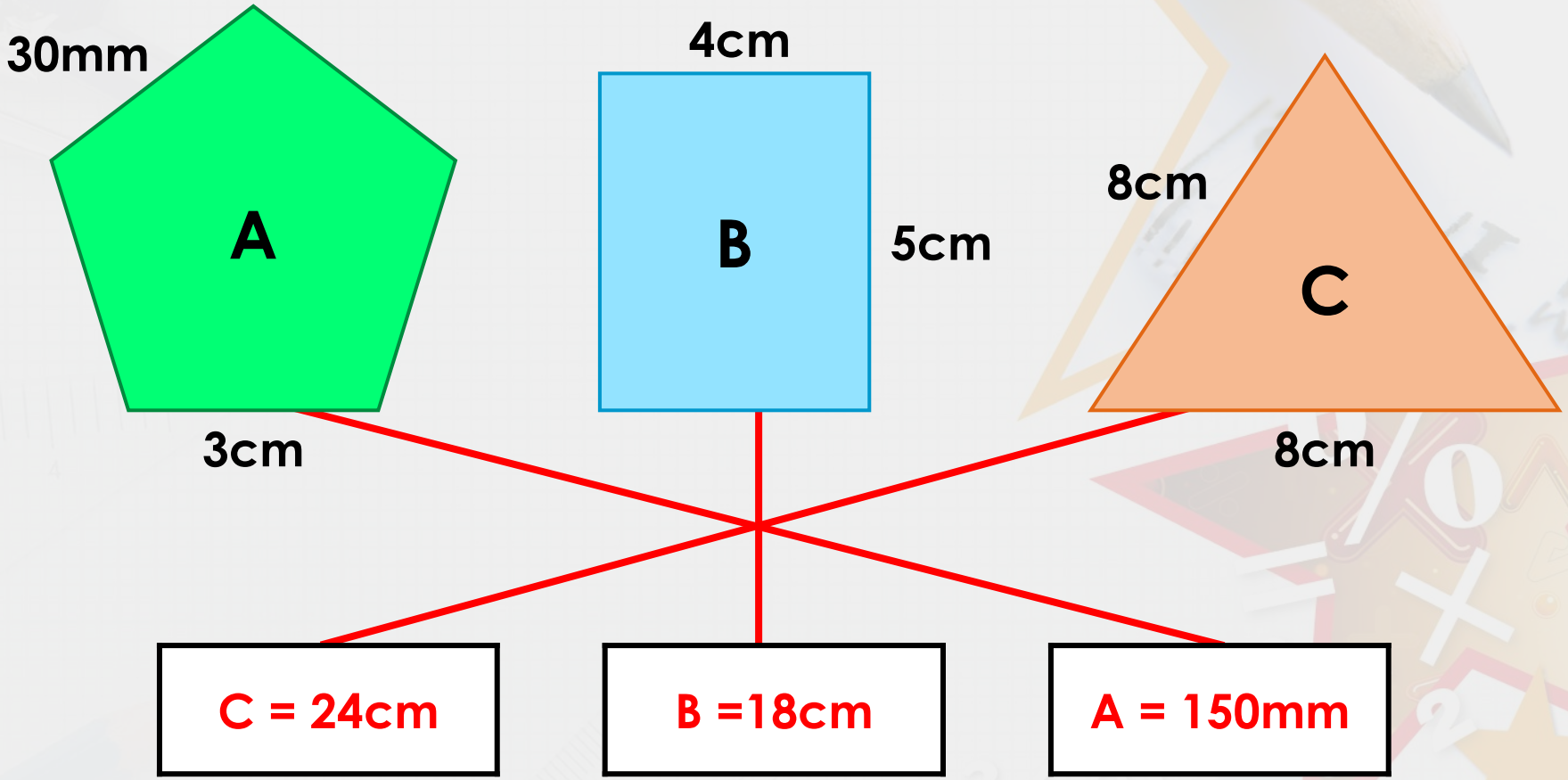




24cm	18cm	150mm

Not drawn to scale

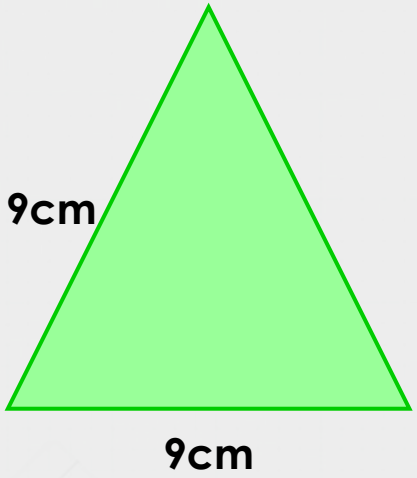
Match the shapes to their perimeters.



Not drawn to scale

True or false? Explain why.

I can find the perimeter of my regular triangle by calculating 9cm + 9cm + 9cm so its perimeter is 36cm.



Not drawn to scale

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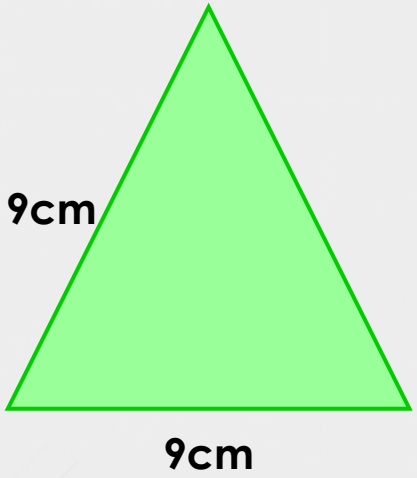
I can find the perimeter of my regular triangle by calculating 9cm + 9cm + 9cm so its perimeter is 36cm.

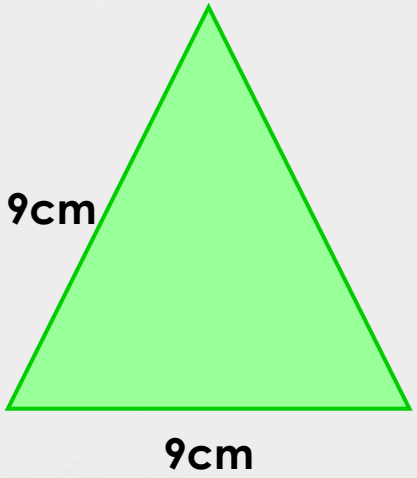


Not drawn to scale

False because…

True or false? Explain why.

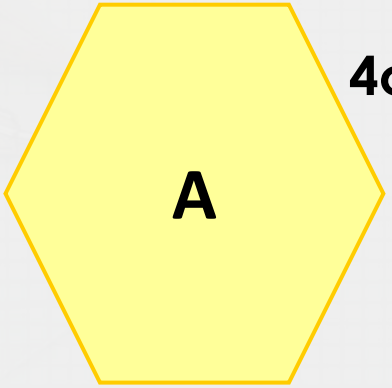
I can find the perimeter of my regular triangle by calculating 9cm + 9cm + 9cm so its perimeter is 36cm.

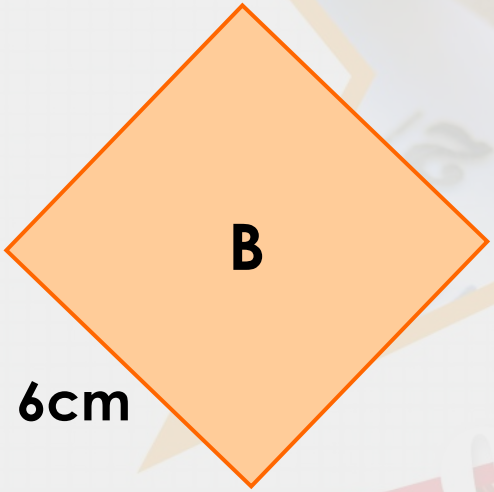


Not drawn to scale

False because his addition is incorrect. 9cm + 9cm + 9cm = 27cm

Look at the two regular shapes below.
Calculate the perimeter of both shapes.

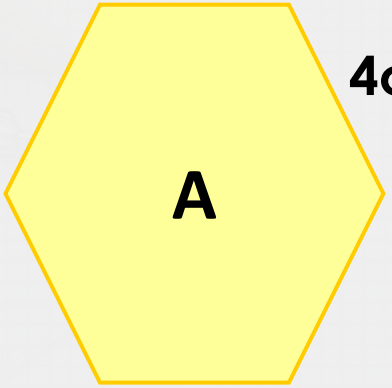


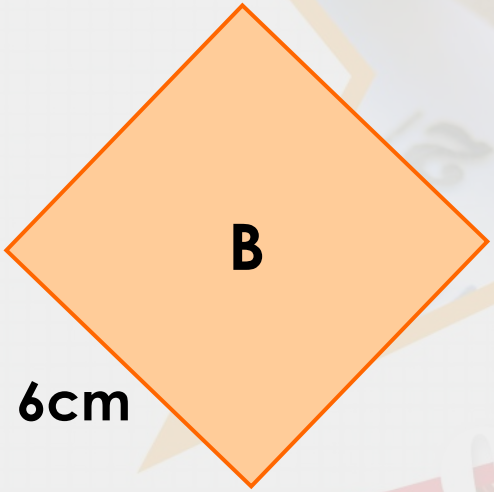


Not drawn to scale

What is the same? What is different?

Look at the two regular shapes below.
Calculate the perimeter of both shapes.

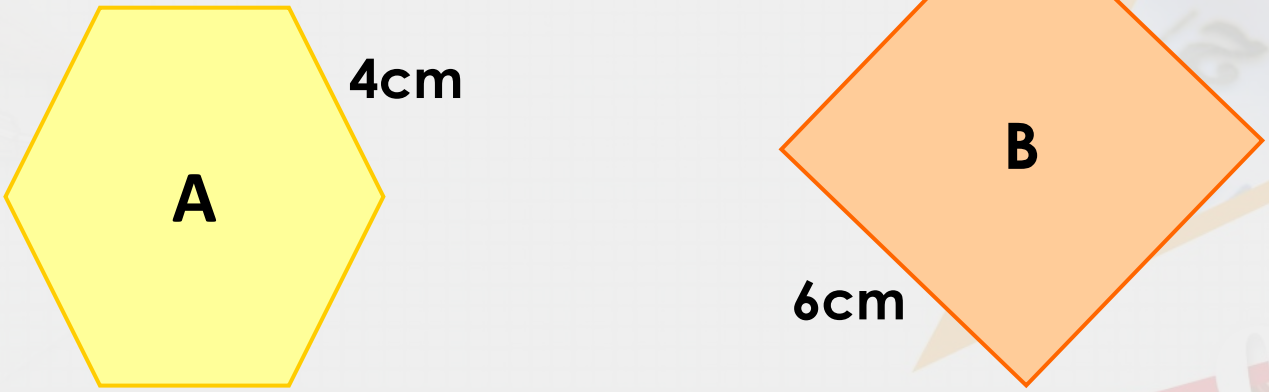




Not drawn to scale

What is the same? What is different?
(Same) both are _____ shapes, both have perimeters of _____
(Different) number of _____, shape _____ and different _____

Look at the two regular shapes below.
Calculate the perimeter of both shapes.



Not drawn to scale

What is the same? What is different? Various answers, for example:
(Same) both are regular shapes, both have perimeters of 24cm
(Different) number of sides (A = 6, B = 4), shape names (A = hexagon, B = square) and different side lengths (A = 4cm, B = 6cm)