PROBLEMS WITH PERIMETER

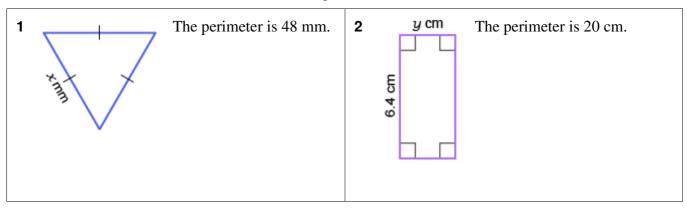
TASK 1 Calculate the perimeter

Calculate the perimeter of each of these shapes.

1 A rectangle 15 cm long and 6 cm wide.	2 A square with side length 20 mm.
3 100	4 5.1 m
5 The angles are all right angles.	6 The angles are all right angles.
4 cm Ευρουρία 6 cm	1.5 m

TASK 2 Unknown measurement

Determine the value of the unknown in each diagram.



TASK 3 Problems

1 A rectangular swimming pool has dimensions 25 m by 13.5 m. A path 1.5 metres wide was built around the pool. A fence was then built along the outside edges of the path. What is the total length of the path?

2 A farm has three boundary lines. Three farm workers each measured a different boundary. John found one boundary measured 1.72 km, Kim noted that her assigned boundary is 2 km 55 m long and Ali recorded the shorter boundary to be 378 m. What is the perimeter of the farm?

3 A quadrilateral has an area of 100 cm². What is the minimum perimeter this shape could have? Explain your reasoning.

4 Which of these shapes would have the shortest perimeter? Explain your reasoning.

