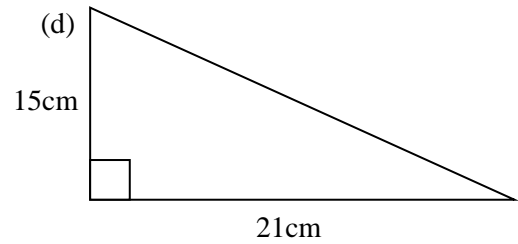
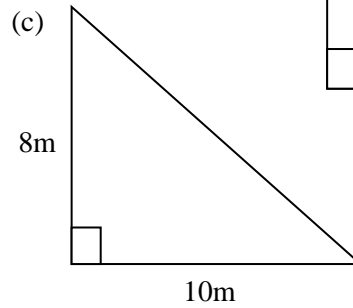
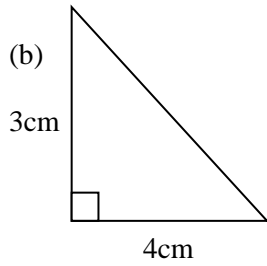
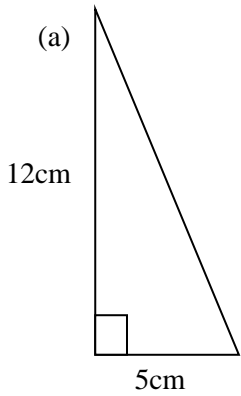


N4 Applications of Maths – Pythagoras' Theorem

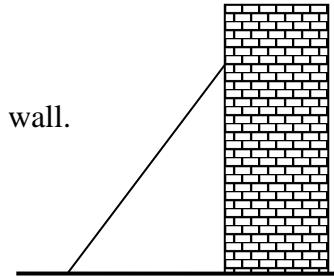
1. For each of the right-angled triangles below find the length of the third side.



2. The diagram shows a ladder leaning against a wall.

The ladder reaches 10 m up the wall and is 3 m from the foot of the wall.

How long is the ladder?



3. A ship sails 6 km north then 7 km east. How far is it from its starting point? Round your answer to the nearest kilometre.

4. The diagram shows the end view of a lean-to shed.

Calculate the length of the sloping edge of the roof correct to the nearest centimetre.

