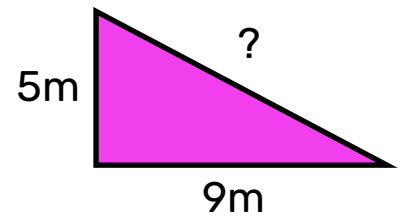


Robot Maths - Pythagoras' Theorem

We use Pythagoras' Theorem to work out a missing length of a right-angled triangle.

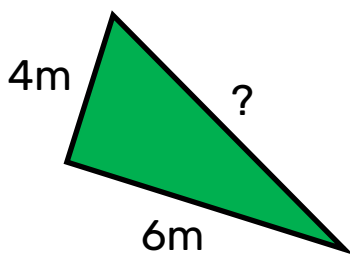


Are you trying to work out the longest side?

Yes



- 1) Square the two shorter sides
- 2) **Add** the results together
- 3) Find the square root
- 4) Round your answer appropriately and use the correct unit



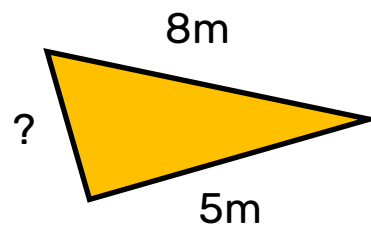
Example

- 1)
- 2)
- 3)
- 4)

No



- 1) Square the two shorter sides
- 2) Take the bigger result and **subtract** the smaller result
- 3) Find the square root
- 4) Round your answer appropriately and use the correct unit



Example

- 1)
- 2)
- 3)
- 4)