

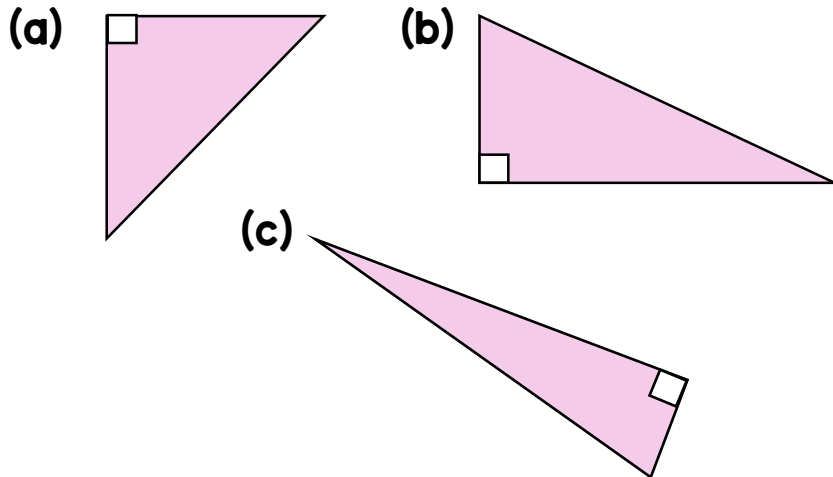
Summer Term Maths Year 10

Know and recall Pythagoras' Theorem

Day
1

Week 11

1 Identify the hypotenuse in each of these right-angled triangles:



2 Work out the square of each value:

(a) 6 (b) 15 (c) 0.9

3 Work out the positive square root of each value:

(a) 25 (b) 144 (c) 3.61

4 Fill in the blanks using the words below:

shorter

Pythagoras'

'a'

triangle

'c'

hypotenuse

The _____ is the longest side of a right-angled _____.

_____ Theorem says that the hypotenuse must be labelled with the letter ____.

The _____ sides are labelled with the letters ____ or 'b'.

It does not matter which way around you label the shorter sides.

Summer Term Maths Year 10

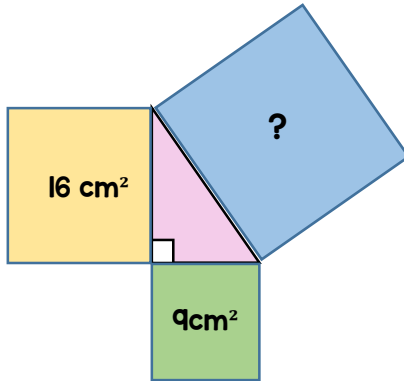
Know and recall Pythagoras' Theorem

Day
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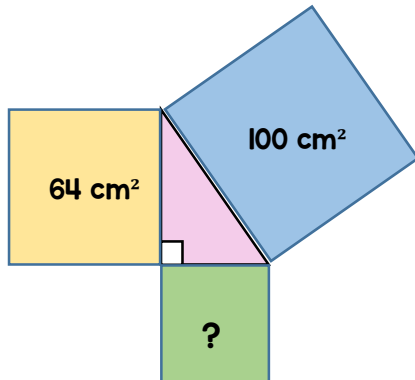
Week 11

5 Find the missing areas of the squares.

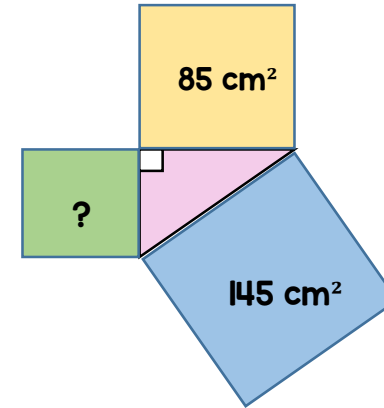
a)



b)



c)



7

Liam is labelling a right-angled triangle according to Pythagoras' Theorem.

$$a^2 + b^2 = c^2$$

Mia says he is wrong.
Is she correct?

