**Pythagoras’ Theorem Homework**

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| **Literacy**  Hypotenuse: the longest side of a right-angled triangle, opposite the right angle. | **Research**  What is a Pythagorean Triple? Find three examples. | **Memory**  Learn the formula:    where c is the hypotenuse |
| **Skills**   |  |  | | --- | --- | | 1. Find .   9  12 | 1. Find to 1 dp.   5  11 | | 1. Find .   26  24 | 1. Is this triangle right-angled?     10  4  8  **These triangles aren’t drawn to scale!** | | | **Stretch**   1. Find the vertical height of this equilateral triangle.   6  6  6   1. A ladder of length 4m leans against the wall of a house. The foot of the ladder is 2m from the wall. Will the ladder reach a window 3.5m high? |