**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**

|  |  |
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| 1. Find .

912 | 1. Find to 1 dp.

511 |
| 1. Find .

2624 | 1. Is this triangle right-angled?

 1048**These triangles aren’t drawn to scale!** |

 | **Stretch**1. Find the vertical height of this equilateral triangle.

6661. 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?
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