

Topic 25: Pythagorean Theorem Part 2

Is the following Triangle a Right Triangle?

1) Sides of 3, 4, 5

2) Sides of 4, 5, 6

3) Sides of $\sqrt{2}$, 3, $\sqrt{11}$

4) Sides of $\sqrt{3}$, 4, $\sqrt{17}$

5) Sides of $\sqrt{5}$, 7, $3\sqrt{6}$

6) Sides of $\sqrt{5}$, $\sqrt{7}$, $\sqrt{12}$

7) Sides of 9, 12, 15

8) Sides of 1, 2, 3

9) Sides of 7, 7, $7\sqrt{2}$

10) Sides of 4, 8, $4\sqrt{5}$

11) Sides of 5, 11, $2\sqrt{72}$