

Name : _____

Pythagorean Triples

Sheet 1

Determine whether each set of numbers form a Pythagorean triple.

1) 12, 20, 16

2) $1, \sqrt{7}, 5$

3) 8, 15, 17

4) 5, 11, 9

5) 29, 20, 21

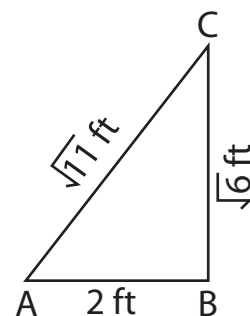
6) $\sqrt{3}, \sqrt{14}, \sqrt{10}$

7) 24, 18, 30

8) $3, 1, \sqrt{5}$

9) 6, 10, 8

10) Determine whether the sides of the triangle form a Pythagorean triple.



Name : _____

Answer Key

Sheet 1

Pythagorean Triples

Determine whether each set of numbers form a Pythagorean triple.

1) 12, 20, 16

2) $1, \sqrt{7}, 5$

3) 8, 15, 17

Pythagorean triple

Not a Pythagorean triple

Pythagorean triple

4) 5, 11, 9

5) 29, 20, 21

6) $\sqrt{3}, \sqrt{14}, \sqrt{10}$

Not a Pythagorean triple

Pythagorean triple

Not a Pythagorean triple

7) 24, 18, 30

8) $3, 1, \sqrt{5}$

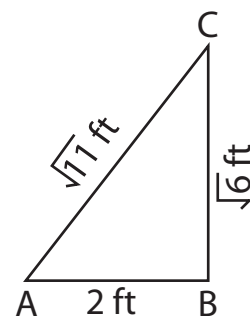
9) 6, 10, 8

Pythagorean triple

Not a Pythagorean triple

Pythagorean triple

10) Determine whether the sides of the triangle form a Pythagorean triple.



Not a Pythagorean triple