

Name : \_\_\_\_\_

## Pythagorean Triples

Sheet 3

Determine whether each set of numbers form a Pythagorean triple.

1) 36, 27, 45

2) 13, 12, 5

3)  $\sqrt{6}$ , 7,  $\sqrt{1}$

4) 9, 8, 12

24, 25

7)  $\sqrt{3}$ ,  $\sqrt{7}$ , 1

$\sqrt{2}$ ,  $\sqrt{13}$

# PREVIEW

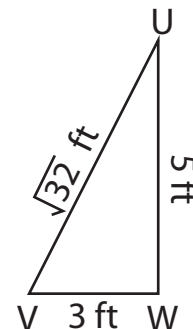
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10) Determine whether the sides of the triangle form a Pythagorean triple.



Name : \_\_\_\_\_

**Answer Key**

**Pythagorean Triples**

Determine whether each set of numbers form a Pythagorean triple.

1) 36, 27, 45

2) 13, 12, 5

3)  $\sqrt{6}$ , 7,  $\sqrt{1}$

**Pythagorean triple**

**Pythagorean triple**

**Not a Pythagorean triple**

4) 9, 8, 12

24, 25

**Not a Pythagorean triple**

**Pythagorean triple**

7)  $\sqrt{3}$ ,  $\sqrt{7}$ , 1

$\sqrt{2}$ ,  $\sqrt{13}$

**Not a Pythagorean triple**

**Not a Pythagorean triple**

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

**Not a Pythagorean triple**

