

# Trigonometry

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

Date: \_\_\_\_\_

**Find whether each set of numbers form a Pythagorean triple or not.**

1)  $8, 34, \sqrt{21}$

\_\_\_\_\_

2)  $6, 20, 40$

\_\_\_\_\_

3)  $\sqrt{12}, \sqrt{26}, \sqrt{38}$

\_\_\_\_\_

4)  $9, 31, 52$

\_\_\_\_\_

5)  $7, 40, 15\sqrt{5}$

\_\_\_\_\_

6)  $\sqrt{5}, \sqrt{32}, \sqrt{37}$

\_\_\_\_\_

7)  $6, 17, 5\sqrt{13}$

\_\_\_\_\_

8)  $9, 15, 3\sqrt{34}$

\_\_\_\_\_

9)  $\sqrt{7}, \sqrt{22}, \sqrt{29}$

\_\_\_\_\_

10)  $3, \sqrt{27}, 6$

\_\_\_\_\_

11)  $4, 19, 45$

\_\_\_\_\_

12)  $10, \sqrt{22}, 7\sqrt{2}$

\_\_\_\_\_

13)  $16, 32, 16\sqrt{5}$

\_\_\_\_\_

14)  $3, 30, 13$

\_\_\_\_\_

15)  $\sqrt{8}, \sqrt{17}, 5$

\_\_\_\_\_

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