

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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