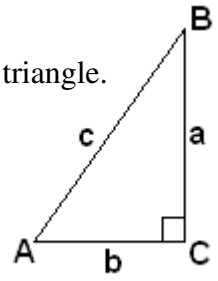
Practicing using the Pythagorean Theorem

Use the Pythagoeran Theorem, Algebra, and Geometry to find the remaining side of the triangle.



1. a = 3, b = 4, c = _____

2. a = 5, b = 12, c = _____

3. b = 10, c = 15, a = _____

4. a = 4, c = 6, b = _____

5. a = b = 9, c = _____

6. c = 6, a = b, a = _____, b = _____

7. c = 9, a = b, a = _____, b = _____

8. a = 4.1, b = 13.9, c = _____

9. a = 3.25, b = 7.85, c = _____

10. b = 5.6, c = 5.9, a = _____

11. a = 1.2, c = 0.5, b = _____

12. a = $2\frac{3}{5}$, b = $7\frac{2}{5}$, c = _____

13. a = 4, c = $3\sqrt{2}$, b = _____

14. b = $5\sqrt{3}$, c = $7\sqrt{5}$, a = _____