



Pythagorean theorem - integers

Find the length of the missing hypotenuse.

1) $a = 8, b = 4, c = ?$

2) $a = 5, b = 5, c = ?$

3) $a = 8, b = 8, c = ?$

4) $a = 12, b = 4, c = ?$

5) $a = 1, b = 1, c = ?$

6) $a = 4, b = 3, c = ?$

7) $a = 7, b = 13, c = ?$

8) $a = 11, b = 10, c = ?$

9) $a = 14, b = 12, c = ?$

10) $a = 3, b = 9, c = ?$

11) $a = 7, b = 5, c = ?$

12) $a = 10, b = 8, c = ?$

13) $a = 13, b = 4, c = ?$

14) $a = 13, b = 5, c = ?$

15) $a = 6, b = 3, c = ?$

16) $a = 9, b = 13, c = ?$

17) $a = 12, b = 10, c = ?$

18) $a = 9, b = 8, c = ?$

19) $a = 5, b = 8, c = ?$

20) $a = 11, b = 7, c = ?$

21) $a = 14, b = 4, c = ?$

22) $a = 7, b = 2, c = ?$

23) $a = 10, b = 13, c = ?$

24) $a = 13, b = 12, c = ?$

25) $a = 6, b = 8, c = ?$

26) $a = 9, b = 4, c = ?$

27) $a = 2, b = 3, c = ?$

28) $a = 5, b = 14, c = ?$

29) $a = 4, b = 6, c = ?$

30) $a = 12, b = 12, c = ?$

Answers to Pythagorean theorem - integers

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| 1) 8.9 | 2) 7.1 | 3) 11.3 | 4) 12.6 |
| 5) 1.4 | 6) 5 | 7) 14.8 | 8) 14.9 |
| 9) 18.4 | 10) 9.5 | 11) 8.6 | 12) 12.8 |
| 13) 13.6 | 14) 13.9 | 15) 6.7 | 16) 15.8 |
| 17) 15.6 | 18) 12 | 19) 9.4 | 20) 13 |
| 21) 14.6 | 22) 7.3 | 23) 16.4 | 24) 17.7 |
| 25) 10 | 26) 9.8 | 27) 3.6 | 28) 14.9 |
| 29) 7.2 | 30) 17 | | |