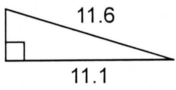


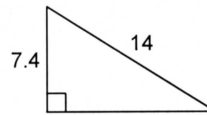
5-7 Pythagorean Theorem (ver1)_hw

Find each missing length to the nearest tenth.

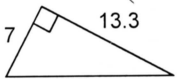
1)



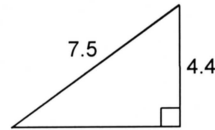
2)



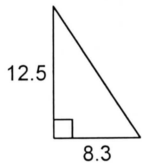
3)



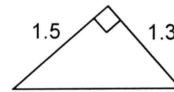
4)



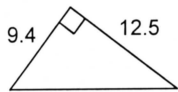
5)



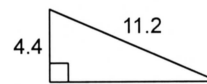
6)



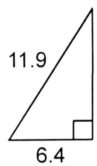
7)



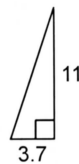
8)



9)



10)



11) $a = 4.6$, $b = 8.9$, $c = ?$

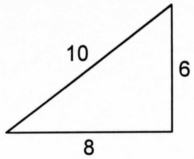
12) $a = ?$, $b = 2.9$, $c = 5.3$

13) $a = 5.5$, $b = ?$, $c = 7.3$

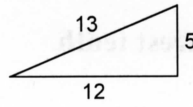
14) $a = 8.1$, $b = 3.1$, $c = ?$

Do the following side lengths form a right triangle? YOU MUST SHOW WORK!

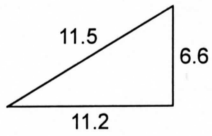
15)



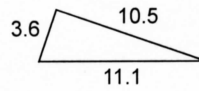
16)



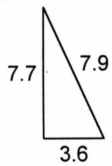
17)



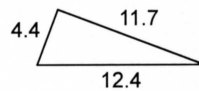
18)



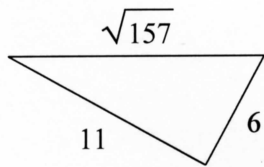
19)



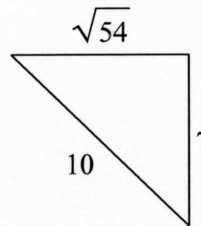
20)



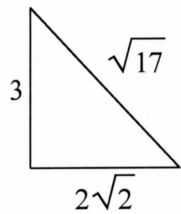
21)



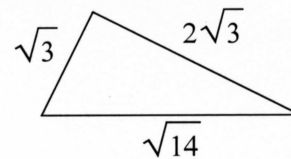
22)



23)



24)



25) 3, 3, 5

26) 9, 12, 15

27) 6, sqrt(65), sqrt(101)

28) 4*sqrt(6), 10, 13

Pythagorean Theorem (ver1)_hw

4) 6.1
8) 10.3
12) 4.4
16) Yes
20) No
24) No
28) No

3) 15
7) 15.6
11) 10
15) Yes
19) No
23) Yes
27) Yes

Answers to

2) 11.9
6) 2
10) 11.6
14) 8.7
18) Yes
22) No
26) Yes

1) 3.4
5) 15
9) 10
13) 4.8
17) No
21) Yes
25) No