

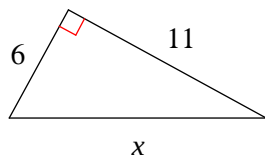
Pythagorean Theorem

© 2012 Kuta Software LLC. All rights reserved.

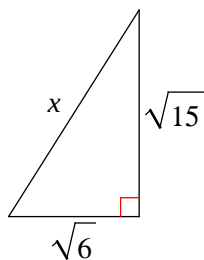
Date _____ Period _____

Find the missing side of each triangle. Leave your answers in simplest radical form.

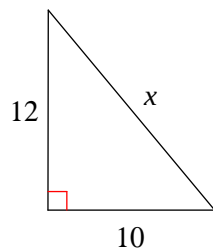
1)



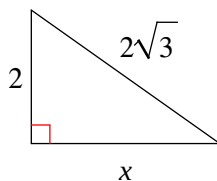
2)



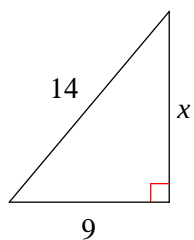
3)



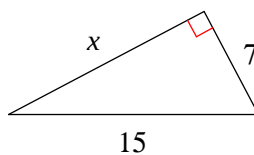
4)



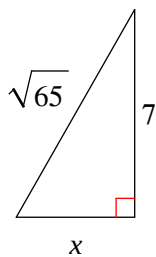
5)



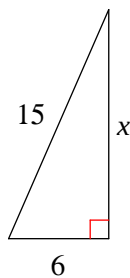
6)

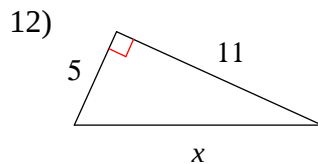
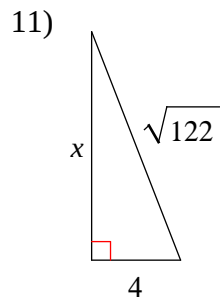
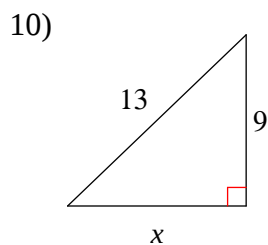
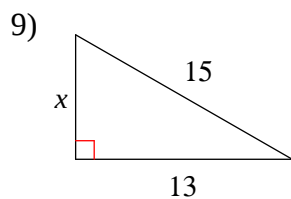


7)

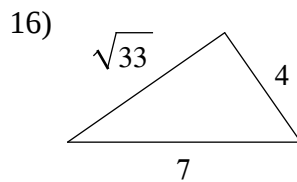
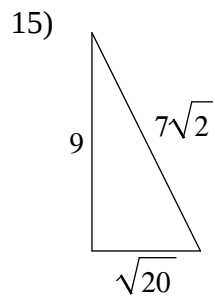
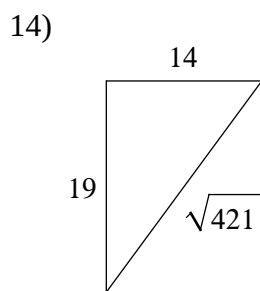
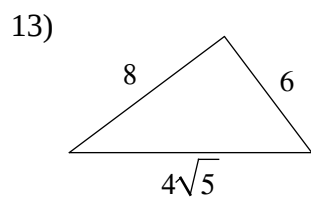


8)





State if each triangle is a right triangle.



State if the three sides lengths form a right triangle.

17) 13, $3\sqrt{3}$, 14

18) 15, 5, $5\sqrt{10}$

19) $\sqrt{2}$, $\sqrt{7}$, 3

20) 4, $\sqrt{65}$, 9

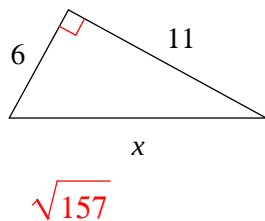
Pythagorean Theorem

© 2012 Kuta Software LLC. All rights reserved.

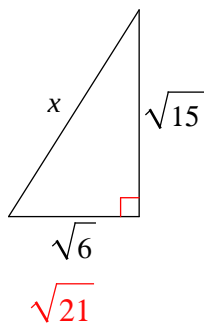
Date _____ Period _____

Find the missing side of each triangle. Leave your answers in simplest radical form.

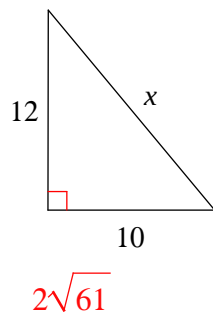
1)



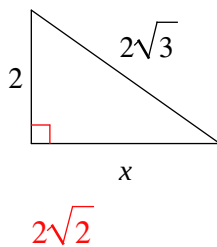
2)



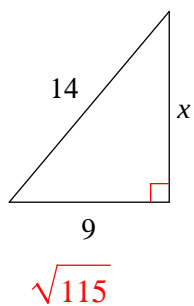
3)



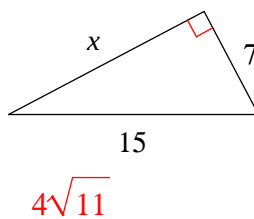
4)



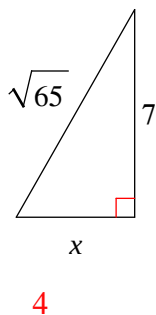
5)



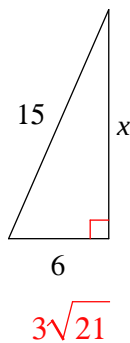
6)

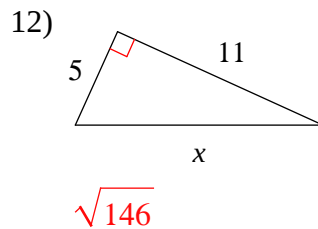
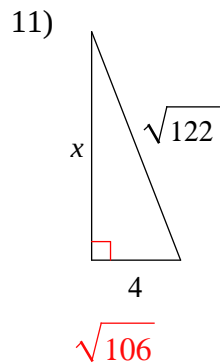
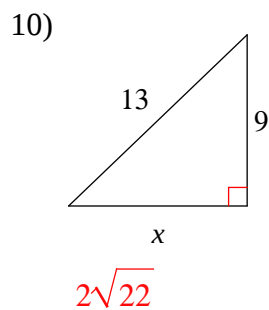
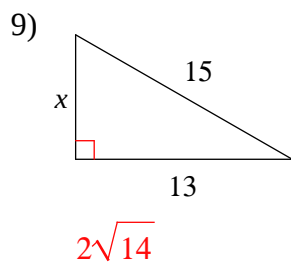


7)

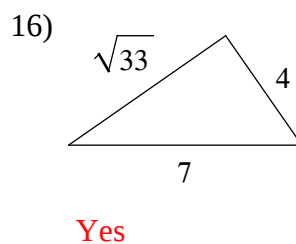
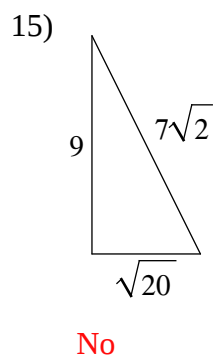
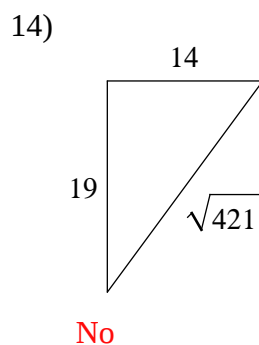
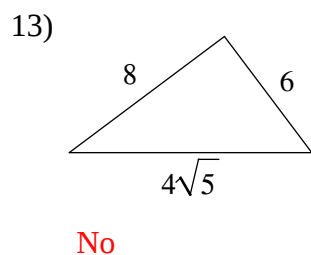


8)





State if each triangle is a right triangle.



State if the three sides lengths form a right triangle.

17) 13, $3\sqrt{3}$, 14

Yes

18) 15, 5, $5\sqrt{10}$

Yes

19) $\sqrt{2}$, $\sqrt{7}$, 3

Yes

20) 4, $\sqrt{65}$, 9

Yes