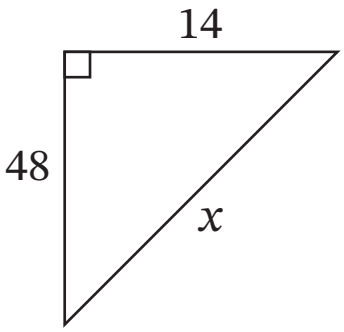
Name: _____ Score: ____ /10

Date: _____

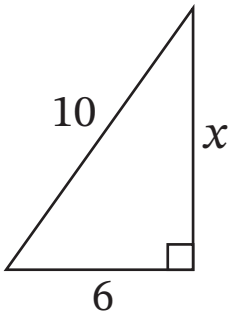
# Pythagorean Theorem - Basic

Solve for $x$

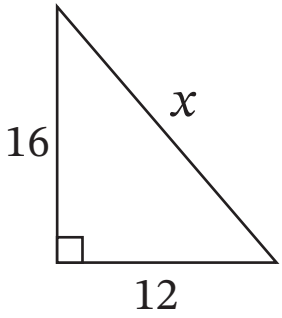
**#1**



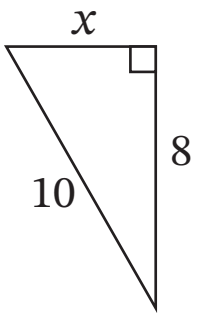

**#2**



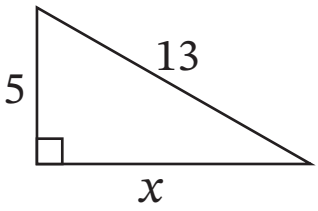

**#3**



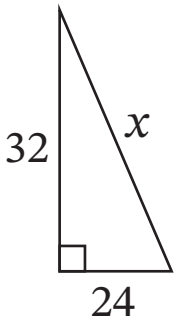

**#4**




**#5**




**#6**




**7.** $a =$ _____ ; $b = 35$; $c = 37$

**8.** $a = 7$; $b =$ _____ ; $c = 25$

**9.** $a = 12$ ; $b = 16$; $c =$ _____

**10.** $a =$ _____ ; $b = 24$; $c = 26$

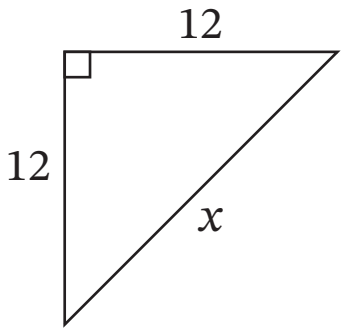
Name: _____ Score: ____ /10

Date: _____

# Pythagorean Theorem - Advanced

Solve for $x$

**#1**

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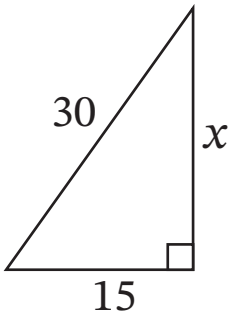


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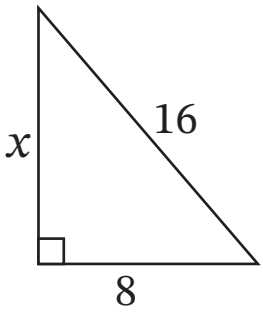


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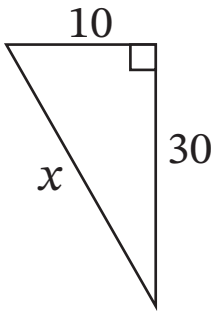
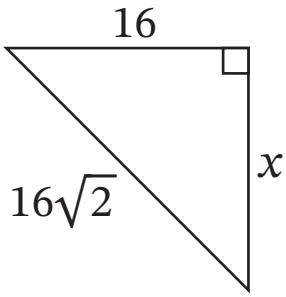
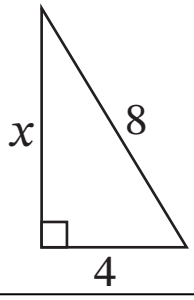



**#5**




**#6**




**7.** $a = 13$; $b =$ _____ ; $c = 13\sqrt{2}$

**8.** $a = 7$; $b =$ _____ ; $c = 14$

**9.** $a = 6$; $b = 8$; $c =$ _____

**10.** $a =$ _____ ; $b = 8\sqrt{3}$ ; $c = 16$