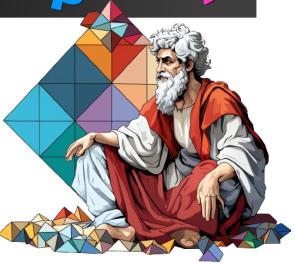


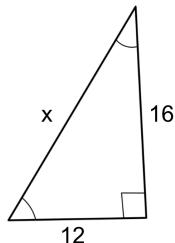
Name: \_\_\_\_\_



## Practice with Pythagorean Theorem

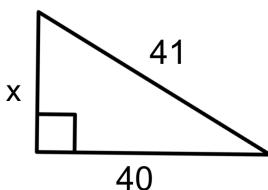
Directions: Find the value of  $x$ .

1.



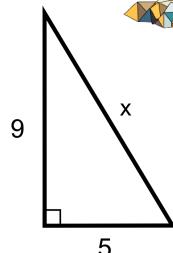
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5.



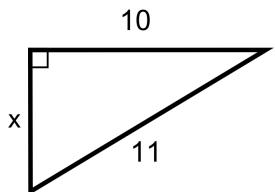
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9.



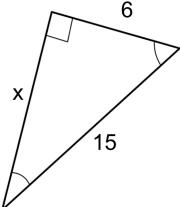
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2.



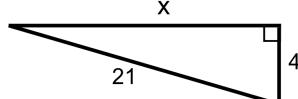
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6.



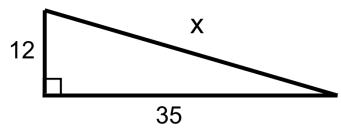
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10.



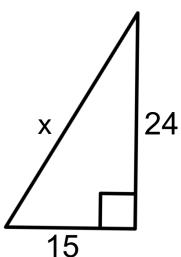
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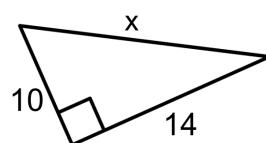
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7.



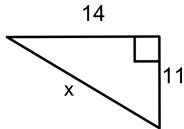
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11.



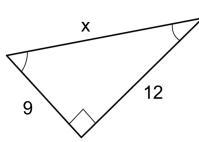
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4.



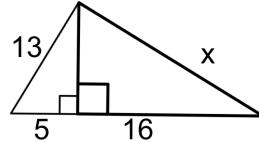
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8.



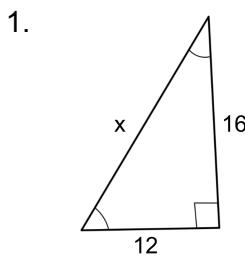
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12.

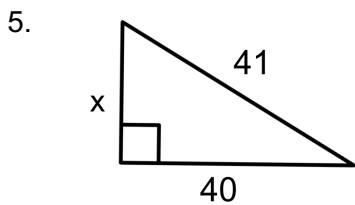


\_\_\_\_\_

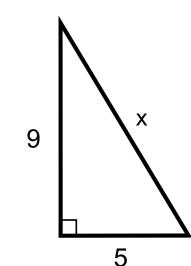
## ANSWER KEY



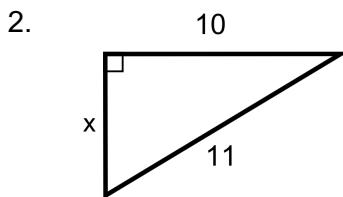
$$x = 20$$



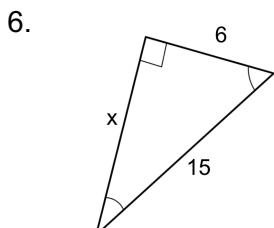
$$x = 9$$



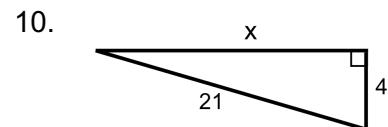
$$x = \sqrt{106}$$



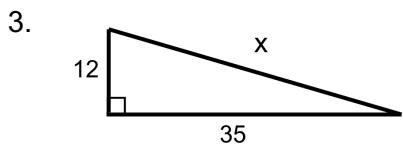
$$x = \sqrt{21}$$



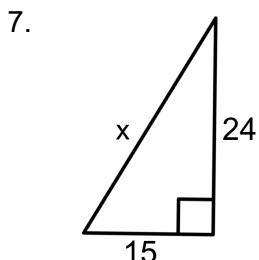
$$x = \sqrt{189}$$



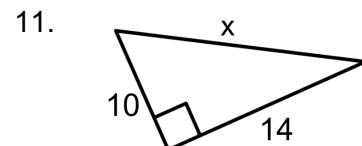
$$x = \sqrt{425}$$



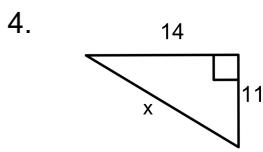
$$x = 37$$



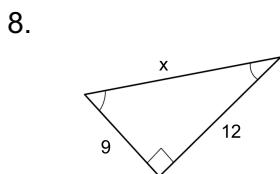
$$x = \sqrt{801}$$



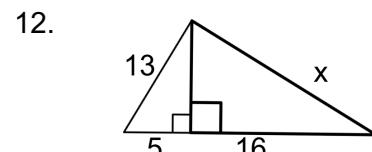
$$x = \sqrt{296}$$



$$x = \sqrt{317}$$



$$x = 15$$



$$x = 20$$