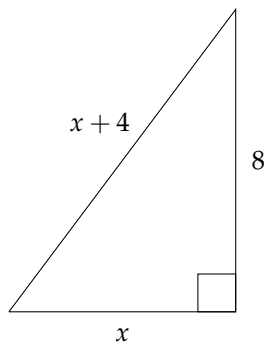


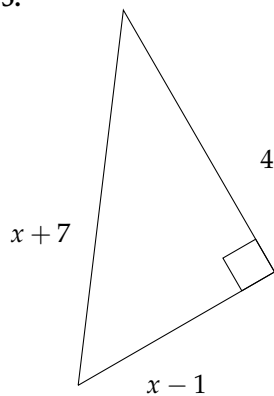
Linear Equations from Pythagoras

Find the value of x for each question.

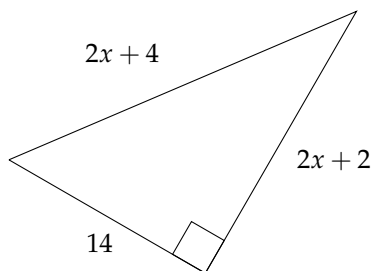
1.



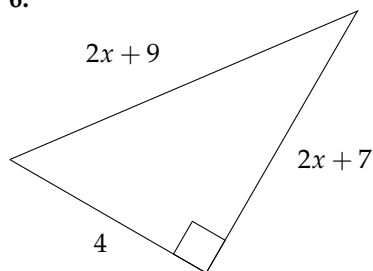
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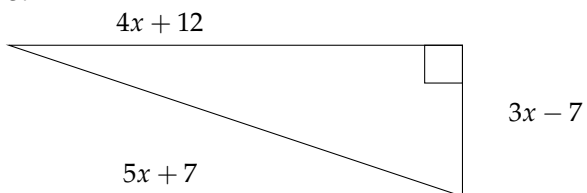
2.



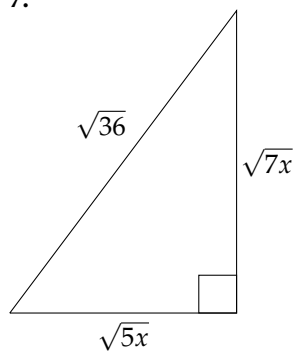
6.



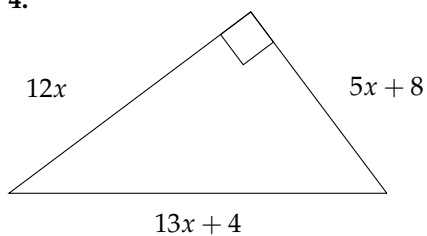
3.



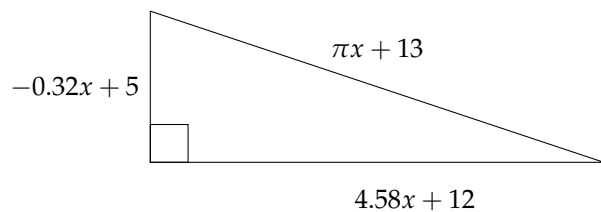
7.



4.



8. (no calculators!)



1. $x = 6$
2. $x = 23$
3. $x = 9$
4. $x = 2$
5. No solutions (why?)
6. $x = -2$
7. $x = 3$
8. $x = 0$