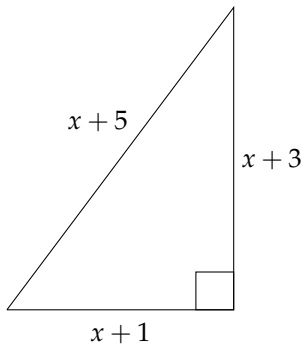


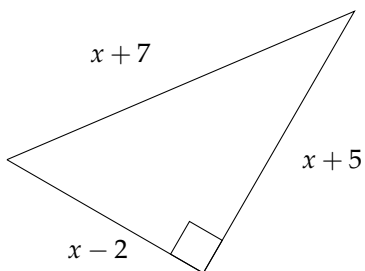
Quadratic Equations from Pythagoras

Find the value(s) of x for each question. All of the quadratics can be factorised.

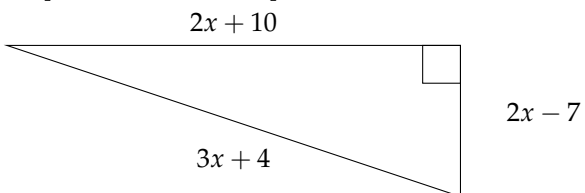
1.



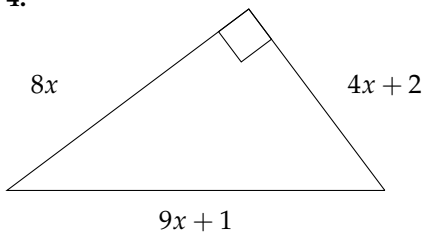
2.



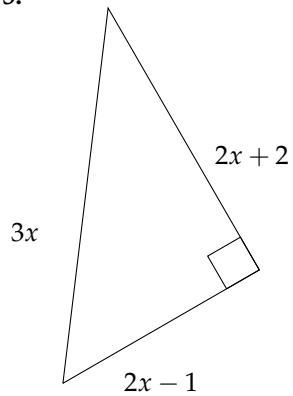
3. [Hint: $7 \times 19 = 133$]



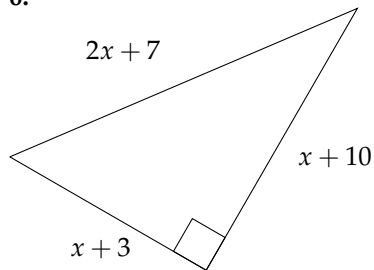
4.



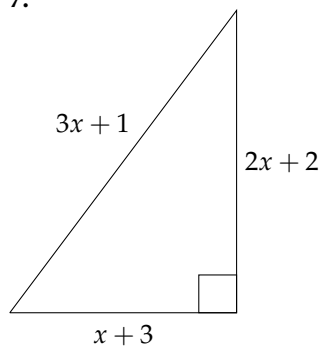
5.



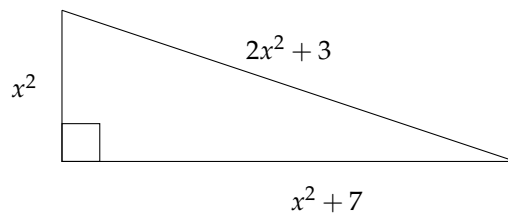
6.



7.



8.



1. $x = 5$

2. $x = 10$

3. $x = 7$

4. $x = 1$

5. $x = 5$

6. $x = 5$

7. $x = 3$

8. $x = \pm\sqrt{5}$