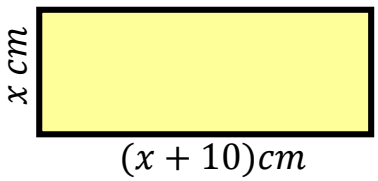
Solving quadratics

1. $(x+6)(x+7)=0$
2. $(y+8)(y+3)=0$
3. $(a+9)(a-5)=0$
4. $(v+11)(v-7)=0$
5. $(t-6)(t+9)=0$
6. $(f+4)(f-12)=0$
7. $(u-10)(u-12)=0$
8. $(g-5)(g-8)=0$
9. $(d-12)(d-6)=0$
10. $(k+9)(k-9)=0$
11. $(c-8)(c-8)=0$
12. $(j+15)(j-5)=0$

1. $c^2-c-30=0$
2. $r^2+9r+20=0$
3. $y^2+3y-88=0$
4. $x^2-3x-40=0$
5. $s^2-5s+6=0$
6. $h^2+15h+56=0$
7. $a^2-9a+20=0$
8. $i^2+5i-84=0$
9. $k^2-10k+21=0$
10. $m^2+18m+81=0$
11. $b^2-25=0$
12. $g^2-4=0$

1. $q^2-8q=-12$
2. $w^2-6w=7$
3. $e^2=15e-56$
4. $r^2+7r=-10$
5. $t^2-3t=10$
6. $l^2-12l=-36$
7. $x^2=50-49x$
8. $b^2+36=13b$
9. $n^2=16n-55$
10. $j^2-4j=45$
11. $a^2=121$
12. $l^2=9$

1. Below is a rectangle with and area of $56\ cm^2$.



Find x.

2. Solve:
$2y^2-6y+38=y^2+11y-34$