

Quadratic Equations
Perfect Square Method
Extra Practice

Solve the following equations.

1. $x^2 = 100$	2. $x^2 - 16 = 0$	3. $(y+1)^2 = 25$
4. $2j^2 = 32$	5. $3x^2 = 48$	6. $y^2 + 5 = 54$
7. $m^2 - 7 = 74$	8. $\frac{s^2}{4} = 36$	9. $\frac{n}{5} = \frac{20}{n}$
10. $(x-3)^2 = 16$	11. $-0.1(x-2)^2 + 3 = 1.4$	12. $-0.25(x-6.2)^2 + 2.56 = 0$
13. $4(x-20)^2 - 144 = 0$	14. $-(x-20)^2 + 576 = 0$	15. $-0.02(x+5)^2 = -2$