

Solving Quadratics, Absolute value and other Equations

Solve each equation using an appropriate method	
1. $ 5x - 9 - 18 = 5$	2. $3 x + 7 + 3 = 18$
3. $x^2 - 2x + 1 = 0$	4. $x^2 + 9x = -20$
5. $6x^2 = -9x + 6$	6. $3x^2 - 2x = 2x + 7$
7. $x^2 + 3x = 0$	8. $49x^2 - 81 = 0$
9. $6x^2 + 5x - 2 = 0$	10. $x^2 = -3x + 20$
11. $(x - 21)^2 - 121 = 0$	12. $5(x + 3)^2 = 125$
13. $\sqrt{10x - 6} + 7 = 15$	14. $\sqrt{x^2 - 24x} - 9 = 0$