Solving Quadratic Equations by Completing the Square #2

Solve each equation using the “completing the square” method.

Show all steps!

4 perfect squares, 6 fraction answers

1. x2 – 2x – 15 = 0
2. x2 + 2x = 35
3. 2x2 + 8x – 7 = - 2
4. 4x2 – 1 = 8x
5. 2x2 – 4x + 5 = 6
6. 4x2 – 6x – 1 = 0
7. x2 + 2x – 8 = 0
8. x2 – 7x = 18
9. 3x2 – 2x – 2 = 4

10. 3x2 – 1 = 7x