Solving Equations by Factoring #2

Solve each equation by factoring.

1. n2 = -18 – 9n
2. -4n2 + 6n – 16 = -5n2
3. x2 + 8x – 9 = 0
4. 2x2 – 5x = 12
5. 36x2 – 48 = 1
6. n2 + 8n = -15
7. 7k2 – 6k + 3 = 3
8. 8x2 + 21 = -59x
9. 7p2 – 38p – 24 = 0
10. 3x2 + 14x – 49 = 0

Answer Bank:

6/7 -3/2 2 -4/7 -5

1 -7 -3 7/6 -7

-8 6 0 4 -7/6

-3/8 -3 -9 7/3 -6