

Solve the following equations using the quadratic formula:

1. -x2 + 4x = 4
2. 3x2 – 6x = 0
3. $\frac{1}{2}$ x2 + x + $\frac{7}{2}$ = 0
4. $\frac{1}{2}$ x2 – 2x + 4 = 0
5. -x2 + 10x = 16
6. 2x2 + 2x - $\frac{9}{2}$ = 0
7. -x2 + 6x = 9
8. -9x2 + 6x – 1 = 0
9. 3x2 – 12 = 0
10. 3x + 4 = x2