Quadratic Formula

Solve each equation using the quadratic formula.

1. v2 + 6v – 49 = 10
2. 2k2 – 24k = -46
3. x2 – 10x + 26 = 8
4. 2x2 – 24x + 24 = 0
5. 2x2 + 12x = 72
6. p2 + 14p – 26 = 12
7. a2 + 12a – 51 = -2a
8. 3n2 – 6n – 9 = 0
9. x2 + 14x = 15

10. n2 = 16n + 17