

Use one of the methods to solve the following quadratics

Solve each equation.

1) $n^2 = -2 - 3n$

2) $9n^2 + 9n = -7$

3) $x^2 = -1 + 2x$

4) $7m^2 + 14m = 105$

5) $r^2 - 5 = -10$

6) $k^2 - 6 = -10$

$$7) 4n^2 + 4n + 3 = 0$$

$$8) 5x^2 - 3x + 5 = 0$$

$$9) n^2 - 18 = 3n$$

$$10) 2x^2 = -6x$$

$$11) x^2 = 159$$

$$12) r^2 = 46$$

$$13) 4m^2 + 2 - 10m = -10m$$

$$14) -12n^2 + 2n - 11 = -3n^2 - 8 + 9n$$