

Practice - solving quadratics mixed methods

Factor using any quadratic method.

1) $x^2 - 21 = -4x$

2) $b^2 = -7$

3) $5x^2 - 4 = -24$

4) $29n = 7n - 8n^2 + 6$

5) $b^2 + 10b + 9 = 0$

6) $-2x^2 = 4$

7) $2n^2 = 66 + n$

8) $m^2 + 4m + 12 = 9$

$$9) x^2 + 1 = 0$$

$$10) m^2 + 7m + 12 = 0$$

$$11) 4n^2 + 5 = 3$$

$$12) -2k^2 = 18$$

$$13) 9x^2 = -3$$

$$14) k^2 = -2 - 3k$$

$$15) 8x^2 + 16x + 46 = 6$$

$$16) 2x^2 - x + 5 = 5$$

$$17) -x^2 = 9$$

$$18) 5n^2 + 5 = 6n - 4$$