

Solving Quadratics by Factoring

Find all real solutions to each equation.

1) $n^2 + 12n + 32 = 0$

2) $x^2 + 10x + 24 = 0$

3) $b^2 - 2b - 48 = 0$

4) $p^2 + 5p - 24 = 0$

5) $n^2 + 10n + 21 = 0$

6) $b^2 - b - 20 = 0$

7) $r^2 - 13r = -40$

8) $3x^2 = -9x + 120$