

Solve each equation by completing the square.

1) $10r^2 + 20r + 20 = 0$

2) $6p^2 + 12p + 66 = 0$

3) $5p^2 - 10p - 75 = 0$

4) $3v^2 - 12v - 45 = 0$

$$5) 2x^2 - 8x - 10 = 0$$

$$6) 2n^2 + 16n + 30 = 0$$

$$7) 2x^2 - 14x + 10 = 0$$

$$8) 5m^2 - 20m - 49 = 6$$

$$9) 7n^2 - 14n - 64 = -8$$

$$10) 2k^2 - 4k - 104 = -16k$$