

Solve each equation by taking square roots.

1) $4n^2 - 4 = 45$

2) $64n^2 + 2 = 66$

3) $16n^2 + 5 = 9$

4) $6k^2 + 8 = -34$

5) $25p^2 + 4 = 13$

6) $-8 + 9r^2 = 28$

Solve each equation. Round answers to one decimal where appropriate.

7) $(y - 6)^2 = 81$

8) $(x + 9)^2 = 49$

9) $(x + 6)^2 = 12$

10) $(x - 10)^2 = 121$

11) $(x + 3)^2 + 5 = 31$

12) $3(x - 4)^2 - 7 = 14$