

CDL Day 16 Alg

Date _____

Period _____

Solve each equation by taking square roots.

1) $a^2 + 5 = 60$

2) $b^2 + 8 = 65$

3) $m^2 + 2 = 49$

4) $v^2 - 4 = 19$

5) $4n^2 + 9 = 93$

6) $2 - 10x^2 = -718$

7) $5p^2 - 7 = 328$

8) $10p^2 + 6 = 266$

Solve each equation with the quadratic formula.

9) $2x^2 + 5x + 3 = 0$

10) $2n^2 + n - 6 = 0$

11) $2x^2 + 2x - 4 = 0$

12) $p^2 - 5p - 14 = 0$

13) $n^2 + 2n - 3 = 0$

14) $p^2 + 6 = p$

15) $9n^2 + 8n = -9$

16) $6k^2 - 11 = -4k$

17) $4r^2 - 20 = 4r$

18) $4n^2 = 49$

19) $3x^2 + 14x - 1 = 4x$

20) $-9v^2 + 10v - 4 = -1$