

Solve each equation by taking square roots. All answers must be simplified.

1) $b^2 = -30$

2) $p^2 = 16$

3) $x^2 = 25$

4) $m^2 = 1$

5) $m^2 = 28$

6) $x^2 = 41$

7) $x^2 = 23$

8) $a^2 = 21$

9) $-2p^2 = -44$

10) $n^2 - 2 = -2$

11) $-3n^2 = -72$

12) $n^2 - 9 = 39$

$$13) \ k^2 - 4 = 86$$

$$14) \ m^2 + 1 = 46$$

$$15) \ 7x^2 = -448$$

$$16) \ 4v^2 = 36$$

$$17) \ 7n^2 - 3 = 438$$

$$18) \ 81n^2 + 9 = 13$$

$$19) \ 4x^2 + 4 = 92$$

$$20) \ 8v^2 - 8 = -118$$

$$21) \ 10p^2 + 9 = 209$$

$$22) \ 16k^2 - 2 = 14$$

$$23) \ 4x^2 - 10 = 54$$

$$24) \ 10a^2 - 4 = 476$$