

WS 6.5.1

Solve each equation by taking square roots. Leave answers in radical form. NO DECIMALS!!!

1) $n^2 = 29$

2) $n^2 = 64$

3) $r^2 = 34$

4) $r^2 = 1$

5) $x^2 - 9 = 70$

6) $16x^2 = 9$

7) $8m^2 = 496$

8) $x^2 - 6 = 30$

9) $p^2 - 3 = 61$

10) $49n^2 = 36$

$$11) 3p^2 = 153$$

$$12) 16n^2 = 4$$

$$13) 49m^2 - 2 = 23$$

$$14) 5k^2 + 5 = 255$$

$$15) 9v^2 - 6 = 43$$

$$16) -5 - 3n^2 = -155$$

$$17) 2x^2 + 8 = 188$$

$$18) 100r^2 - 4 = 32$$

$$19) 9x^2 + 10 = 14$$

$$20) 100x^2 + 9 = 90$$

$$21) 3v^2 - 3 = 60$$

$$22) 3a^2 + 9 = 309$$