

CORRECTIVE ASSIGNMENT

Solve each equation by taking square roots.

1) $m^2 = 9$

2) $p^2 = -97$

3) $k^2 = 4$

4) $x^2 = 40$

5) $r^2 = 16$

6) $m^2 = 54$

7) $v^2 - 2 = 17$

8) $n^2 - 2 = 83$

9) $x^2 - 8 = 41$

10) $r^2 + 6 = -13$

11) $-9b^2 = -468$

12) $-9x^2 = -81$

13) $2x^2 - 3 = 157$

14) $10p^2 + 8 = 378$

15) $2k^2 - 3 = -5$

16) $2a^2 + 8 = 106$

17) $10m^2 + 4 = 814$

18) $-6 - 10n^2 = -366$

ANSWERS TO 11.3 CORRECTIVE ASSIGNMENT

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|-------------------------|-------------------------|-------------------------|------------------------|
| 1) $\{3, -3\}$ | 2) No solution. | 3) $\{2, -2\}$ | 4) $\{6.325, -6.325\}$ |
| 5) $\{4, -4\}$ | 6) $\{7.348, -7.348\}$ | 7) $\{4.359, -4.359\}$ | 8) $\{9.22, -9.22\}$ |
| 9) $\{7, -7\}$ | 10) No solution. | 11) $\{7.211, -7.211\}$ | 12) $\{3, -3\}$ |
| 13) $\{8.944, -8.944\}$ | 14) $\{6.083, -6.083\}$ | 15) No solution. | 16) $\{7, -7\}$ |
| 17) $\{9, -9\}$ | 18) $\{6, -6\}$ | | |