

Corrective Assignment**Solve. Express your solution in decimal form. Round to the nearest hundredth.**

1. $m^2 = 9$

2. $p^2 = 19$

3. $k^2 + 18 = 29$

4. $37 = 2x^2 - 40$

5. $9 = 3r^2 + 16$

6. $\frac{m^2}{3} - 4 = 11$

7. $15 = \frac{v^2}{5} + 2$

8. $3 - 2n^2 = -47$

9. $18 = 5 - 2x^2$

10. $\frac{r^2}{4} + 6 = 7$

11. $-9b^2 = 0$

12. $-9x^2 = -27$

Solve. Express your solution in simplest radical form.

13. $m^2 = 24$

14. $p^2 = 43$

15. $81 = 3k^2$

16. $-2x^2 = -40$	17. $18 = 3 + r^2$	18. $54 = 2m^2 - 10$
19. $14 - 2v^2 = 20$	20. $\frac{n^2}{6} - 12 = -3$	21. $80 = 8 - x^2$
22. $18 = 2r^2$	23. $-2b^2 - 10 = -110$	24. $22 = \frac{x^2}{3} + 8$

ANSWERS TO 12.3 CORRECTIVE ASSIGNMENT

1. $m = \pm 3$	2. $p = \pm 4.36$	3. $k = \pm 3.32$	4. $x = \pm 6.21$
5. No Solution	6. $m = \pm 6.71$	7. $v = \pm 8.06$	8. $n = \pm 5$
9. No Solution	10. $r = \pm 2$	11. $b = 0$	12. $x = \pm 1.73$
13. $m = \pm 2\sqrt{6}$	14. $p = \pm\sqrt{43}$	15. $k = \pm 3\sqrt{3}$	16. $x = \pm 2\sqrt{5}$
17. $r = \pm\sqrt{15}$	18. $m = \pm 4\sqrt{2}$	19. No Solution	20. $n = \pm 3\sqrt{6}$
21. No Solution	22. $r = \pm 3$	23. $b = \pm 5\sqrt{2}$	24. $x = \pm\sqrt{42}$