

Math C

9.3 Practice - part 2 with KEY

Solve using the quadratic formula.

1. $0 = 2x^2 + 3x - 5$

2. $4p^2 + 11p + 6 = 0$

3. $7m^2 + 10m + 3 = 0$

4. $6y^2 + 11y - 2 = 0$

5. $y - 4 = 11y^2$

6. $k = 5k^2 + 2$

7. $0 = -z^2 + 2z + 14$

8. $0 = -x^2 + 6x + 2$

9. $0 = 3r^2 + 5r - 1$

10. $4w^2 + 3w - 2 = 0$

Answer List

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|----------------------------------|-----------------------|---------------------------------|
| 1. $1, -\frac{5}{2}$ | 2. $-2, -\frac{3}{4}$ | 3. $-1, -\frac{3}{7}$ |
| 4. $-2, \frac{1}{6}$ | 5. \emptyset | 6. \emptyset |
| 7. $1 \pm \sqrt{15}$ | 8. $3 \pm \sqrt{11}$ | 9. $\frac{-5 \pm \sqrt{37}}{6}$ |
| 10. $\frac{-3 \pm \sqrt{41}}{8}$ | | |

Catalog List

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|---------------|--------------|--------------|
| 1. ALG ND 6 | 2. ALG ND 8 | 3. ALG ND 18 |
| 4. ALG ND 20 | 5. ALG ND 89 | 6. ALG ND 90 |
| 7. ALG ND 49 | 8. ALG ND 50 | 9. ALG ND 65 |
| 10. ALG ND 67 | | |