

Math C

9.4 Choosing a Method

Solve.

1. $0 = x^2 + x - 42$

2. $3a^2 + 7a = 0$

3. $c^2 - 4c - 1 = 0$

4. $m^2 + 4m = 11$

5. $3x^2 + 24 = 0$

6. $m^2 - 2m + 5 = 0$

7. $a^2 + a + 3 = 0$

8. $a^2 - 14 = 36$

9. $a^2 + 10a + 21 = 0$

Answer List

- | | |
|----------------------------------|-----------------------|
| 1. $-7, 6$ | 2. $-\frac{7}{3}, 0$ |
| 3. $2 \pm \sqrt{5}$ | 4. $-2 \pm \sqrt{15}$ |
| 5. $\pm 2\sqrt{2}i$ | 6. $1 \pm 2i$ |
| 7. $\frac{-1 \pm \sqrt{11}i}{2}$ | 8. $\pm 5\sqrt{2}$ |
| 9. $-7, -3$ | |

Catalog List

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|--------------|--------------|--------------|--------------|
| 1. TRI DA 33 | 2. TRI DA 5 | 3. TRI DB 65 | 4. TRI DB 69 |
| 5. TRI DC 17 | 6. TRI DC 97 | 7. TRI DC 93 | 8. TRI DB 13 |
| 9. TRI DA 25 | | | |