

Math C

11.3 Complex Solutions part 2

Solve.

1. $m^2 + 9 = 0$

2. $0 = m^2 + 13$

3. $18 + r^2 = 0$

4. $-81 = w^2 + 15$

5. $7m^2 = -12 + 3m^2$

6. $19 = 3r^2 + 100$

7. $0 = 16m^2 + 3$

8. $0 = 25c^2 + 1$

Answer List

- | | |
|-----------------------------|---------------------|
| 1. $\pm 3i$ | 2. $\pm\sqrt{13}i$ |
| 3. $\pm 3\sqrt{2}i$ | 4. $\pm 4\sqrt{6}i$ |
| 5. $\pm\sqrt{3}i$ | 6. $\pm 3\sqrt{3}i$ |
| 7. $\pm\frac{\sqrt{3}i}{4}$ | 8. $\pm\frac{i}{5}$ |

Catalog List

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|--------------|--------------|--------------|--------------|
| 1. TRI DC 2 | 2. TRI DC 6 | 3. TRI DC 10 | 4. TRI DC 14 |
| 5. TRI DC 46 | 6. TRI DC 48 | 7. TRI DC 50 | 8. TRI DC 52 |