

1. Simplify. $\sqrt{-9}$

6. Express $\sqrt{-20}$ in i notation.

[A] $20i$ [B] $2i\sqrt{5}$

[C] $2i\sqrt{-5}$ [D] $\sqrt{-20}i$

2. Express $\sqrt{-8}$ in i notation.

[A] $8i$ [B] $2i\sqrt{-2}$

[C] $\sqrt{-8}i$ [D] $2i\sqrt{2}$

7. Express $\sqrt{-27}$ in i notation.

[A] $\sqrt{-27}i$ [B] $3i\sqrt{-3}$

[C] $3i\sqrt{3}$ [D] $27i$

3. Express $\sqrt{-80}$ in i notation.

[A] $4i\sqrt{-5}$ [B] $\sqrt{-80}i$

[C] $4i\sqrt{5}$ [D] $80i$

8. Express $\sqrt{-12}$ in i notation.

[A] $2i\sqrt{-3}$ [B] $\sqrt{-12}i$

[C] $12i$ [D] $2i\sqrt{3}$

4. Express $\sqrt{-75}$ in i notation.

[A] $75i$ [B] $5i\sqrt{-3}$

[C] $\sqrt{-75}i$ [D] $5i\sqrt{3}$

9. Express $\sqrt{-125}$ in i notation.

[A] $125i$ [B] $5i\sqrt{-5}$

[C] $5i\sqrt{5}$ [D] $\sqrt{-125}i$

5. Express $\sqrt{-72}$ in i notation.

[A] $6i\sqrt{-2}$ [B] $\sqrt{-72}i$

[C] $6i\sqrt{2}$ [D] $72i$

10. Express $\sqrt{-180}$ in i notation.

[A] $180i$ [B] $6i\sqrt{-5}$

[C] $6i\sqrt{5}$ [D] $\sqrt{-180}i$

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- [1] 3i
- [2] D
- [3] C
- [4] D
- [5] C
- [6] B
- [7] C
- [8] D
- [9] C
- [10] C