

Difficulty level: Beginner

1. What is the norm of the complex number $4 + 6i$?

- ☐ $2i\sqrt{5}$
- ☐ $2\sqrt{13}$
- ☐ $2\sqrt{5}$
- ☐ $2i\sqrt{13}$

2. What is the norm of the complex number $6 + i$?

- ☐ $i\sqrt{35}$
- ☐ $i\sqrt{37}$
- ☐ $\sqrt{37}$
- ☐ $\sqrt{35}$

3. What is the norm of the complex number $6 + 5i$?

- ☐ $\sqrt{11}$
- ☐ $i\sqrt{61}$
- ☐ $\sqrt{61}$
- ☐ $i\sqrt{11}$

4. Find the norm of $5 + 3i$.

- ☐ 4
- ☐ $\sqrt{34}$
- ☐ $4i$
- ☐ $i\sqrt{34}$

5. What is the norm of the complex number $3 + 3i$?

- ☐ $3i\sqrt{2}$
- ☐ 0
- ☐ $2\sqrt{3}$
- ☐ $3\sqrt{2}$

6. What is the norm of the complex number $4 + 4i$?

- ☐ 0
- ☐ $2\sqrt{5}$
- ☐ $4\sqrt{2}$
- ☐ $4i\sqrt{2}$

7. What is the norm of the complex number $4 + 7i$?

- ☐ $i\sqrt{33}$
- ☐ $\sqrt{65}$
- ☐ $i\sqrt{65}$
- ☐ $\sqrt{33}$

8. Find the norm of $7 + 6i$.

- ☐ $\sqrt{85}$
- ☐ $i\sqrt{85}$
- ☐ $i\sqrt{13}$
- ☐ $\sqrt{13}$

9. Find the norm of $2 + 4i$.

- ☐ $2i\sqrt{5}$
- ☐ $2\sqrt{3}$
- ☐ $2i\sqrt{3}$
- ☐ $2\sqrt{5}$

10. What is the norm of the complex number $2 + i$?

- ☐ $\sqrt{3}$
- ☐ $\sqrt{5}$
- ☐ $i\sqrt{3}$
- ☐ $i\sqrt{5}$

11. Find the norm of $3 + 6i$.

- ☐ $3i\sqrt{5}$
- ☐ $3\sqrt{5}$
- ☐ $3i\sqrt{3}$
- ☐ $3\sqrt{3}$

12. Find the norm of $2 + 7i$.

- ☐ $\sqrt{53}$
- ☐ $i\sqrt{53}$
- ☐ $3i\sqrt{5}$
- ☐ $3\sqrt{5}$

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13. What is the norm of the complex number $7 + i$?

- ☐ $5i\sqrt{2}$
- ☐ $4\sqrt{3}$
- ☐ $5\sqrt{2}$
- ☐ $4i\sqrt{3}$

14. Find the norm of $5 + 4i$.

- ☐ $i\sqrt{41}$
- ☐ $3i$
- ☐ 3
- ☐ $\sqrt{41}$

15. Find the norm of $6 + 7i$.

- ☐ $\sqrt{13}$
- ☐ $i\sqrt{85}$
- ☐ $\sqrt{85}$
- ☐ $i\sqrt{13}$

16. What is the norm of the complex number $5 + 5i$?

- ☐ $5i\sqrt{2}$
- ☐ 0
- ☐ $5\sqrt{2}$
- ☐ $\sqrt{30}$

17. Find the norm of $6 + 2i$.

- ☐ $2i\sqrt{10}$
- ☐ $4\sqrt{2}$
- ☐ $4i\sqrt{2}$
- ☐ $2\sqrt{10}$

18. What is the norm of the complex number $2 + 5i$?

- ☐ $\sqrt{21}$
- ☐ $i\sqrt{29}$
- ☐ $i\sqrt{21}$
- ☐ $\sqrt{29}$

19. What is the norm of the complex number $2 + 2i$?

- ☐ 0
- ☐ $2\sqrt{2}$
- ☐ $\sqrt{6}$
- ☐ $2i\sqrt{2}$

20. Find the norm of $7 + 7i$.

- ☐ $7\sqrt{2}$
- ☐ 0
- ☐ $7i\sqrt{2}$
- ☐ $2\sqrt{14}$