

Algebra II Practice N.CN.A.2: Imaginary Numbers

www.jmap.org

NAME: _____

Evaluate.

1. i^{10} [A] $-i$ [B] 1 [C] i [D] -1
2. i^{28} [A] i [B] -1 [C] 1 [D] $-i$
3. i^{19} [A] i [B] $-i$ [C] 1 [D] -1
4. i^{13} [A] i [B] $-i$ [C] 1 [D] -1
5. i^{61} [A] -1 [B] $-i$ [C] i [D] 1
6. i^{31} [A] i [B] 1 [C] $-i$ [D] -1
7. i^{52} [A] i [B] -1 [C] 1 [D] $-i$
8. i^{23} [A] 1 [B] $-i$ [C] i [D] -1
9. i^{90} [A] $-i$ [B] 1 [C] -1 [D] i
10. i^{40} [A] i [B] 1 [C] $-i$ [D] -1
11. i^{77} [A] i [B] $-i$ [C] -1 [D] 1
12. i^{50} [A] 1 [B] $-i$ [C] i [D] -1
13. i^{14} [A] $-i$ [B] i [C] 1 [D] -1
14. i^{43} [A] i [B] -1 [C] $-i$ [D] 1
15. i^{33} [A] 1 [B] -1 [C] $-i$ [D] i
16. i^{22} [A] $-i$ [B] i [C] 1 [D] -1
17. i^{17} [A] $-i$ [B] 1 [C] i [D] -1
18. i^{87} [A] -1 [B] 1 [C] $-i$ [D] i
19. i^{44} [A] i [B] -1 [C] 1 [D] $-i$
20. i^{92} [A] i [B] 1 [C] $-i$ [D] -1

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- [1] D
- [2] C
- [3] B
- [4] A
- [5] C
- [6] C
- [7] C
- [8] B
- [9] C
- [10] B
- [11] A
- [12] D
- [13] D
- [14] C
- [15] D
- [16] D
- [17] C
- [18] C
- [19] C
- [20] B