

Thursday, March 19, 2020 Simplifying Imaginary Numbers

Simplify. Your answers need to simplify to square root of -1 , -1 , $-i$, or 1 .

1) i

2) $(i)^2$

3) i^3

4) i^4

5) i^{18}

6) i^{16}

7) i^{21}

8) i^{27}

9) i^{50}

10) i^{33}

11) i^{82}

12) i^{61}

13) i^{104}

14) i^{93}

15) i^{71}

16) i^{44}