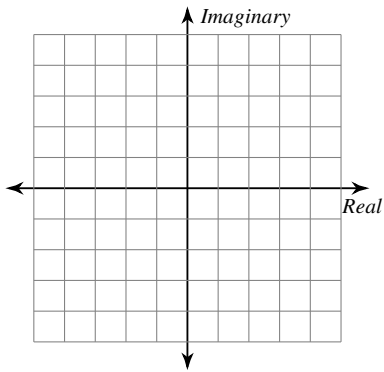


FIND YOUR NOTES TO REMIND YOURSELF HOW TO DO THESE PROBLEMS.

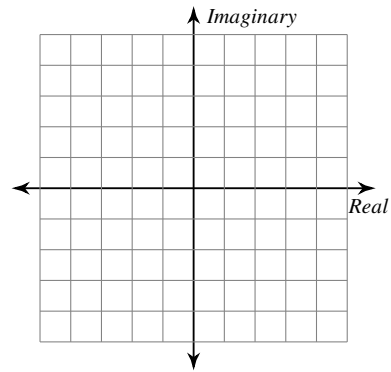
You know how to do each type.

**Graph each number in the complex plane.**

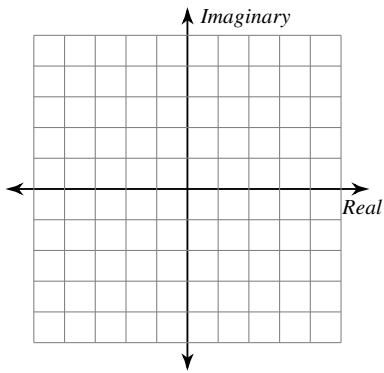
11)  $-3 + 4i$



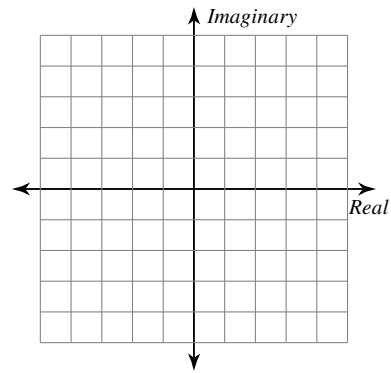
12)  $-1 + 5i$



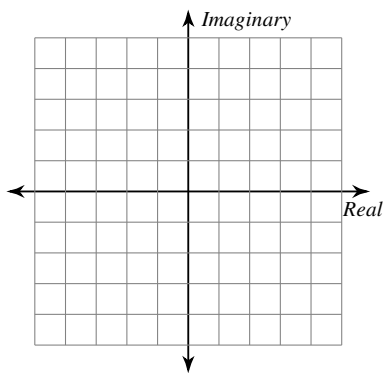
13)  $-1 - 4i$



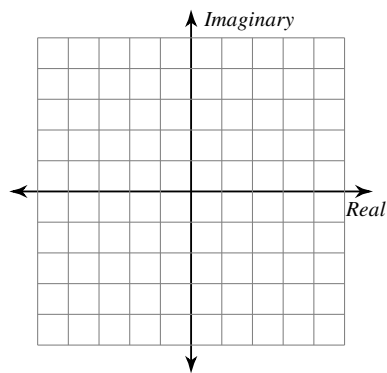
14)  $4 + 4i$



15)  $-3 + 5i$

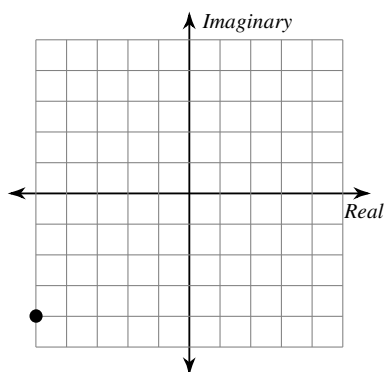


16)  $2 + 4i$

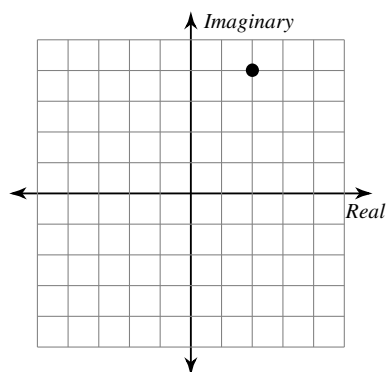


Identify each complex number graphed.

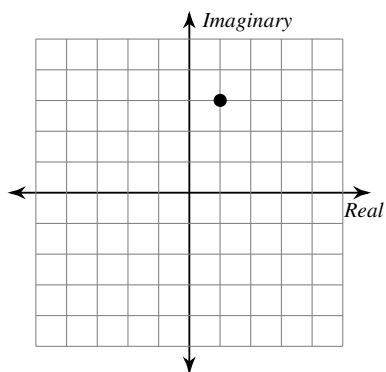
17)



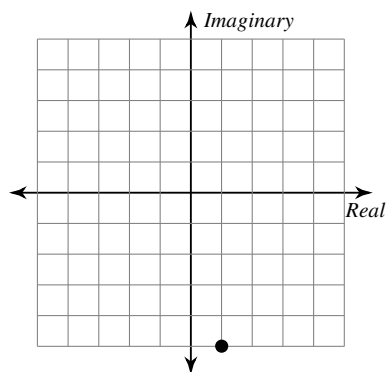
18)



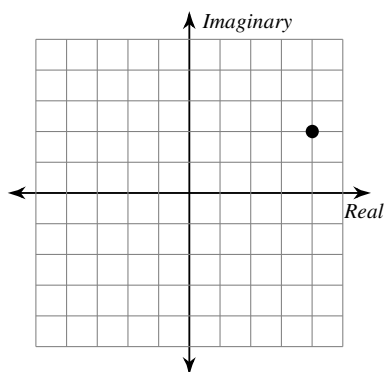
19)



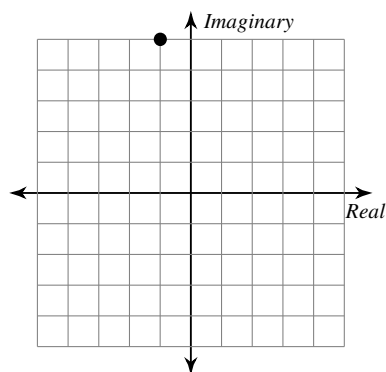
20)



21)



22)



Simplify by adding, subtracting, or multiplying.

2)  $3 + 4 + 6i$

4)  $-8i - 7i$

6)  $7 + i + 4 + 4$

8)  $3 + 3i + 8 - 2i - 7$

10)  $5i \cdot -i$

12)  $-4i \cdot 5i$

14)  $(7 - 6i)(-8 + 3i)$

16)  $(4 - 5i)(4 + i)$

18)  $(-3 + 2i)(-6 - 8i)$

20)  $(1 - 7i)^2$

22)  $(-2 - 2i)(-4 - 3i)(7 + 8i)$

24)  $(6i)^3$

26)  $-6(4 - 6i)$

28)  $3 + 7i - 3i - 4$

30)  $-6i(8 - 6i)(-8 - 8i)$