

Wednesday, March 18, 2020 Multiplying Complex Numbers

Simplify.

1) $(6 - 5i)(5 + 7i)$

2) $(-2 + i)(8 + 4i)$

3) $(1 - i)(-4 - i)$

4) $(-7 + 3i)(5 + 7i)$

5) $(8 + 7i)(-10 - i)$

6) $(4 - 11i)(7 - 3i)$

$$7) (-5 + 2i)(6 - 8i)$$

$$8) (3 + 10i)^2$$

$$9) (15 - 3i)^2$$

$$10) (-12 + 6i)^2$$

$$11) (-13 - 9i)(16 - 6i)$$

$$12) (16 + 10i)(11 + 6i)$$