

$$17) (2 - 4i)(-6 + 4i)$$

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

$$19) (8 - 6i)(-4 - 4i)$$

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

$$21) 6(-7 + 6i)(-4 + 2i)$$

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

$$23) 5i + 7i(i)$$

$$24) (6i)^3$$

$$25) (6i)(-4i) + 8$$

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

$$27) (8 - 3i)^2$$

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

$$29) -3i \cdot 6i - 3(-7 + 6i)$$

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

Critical thinking questions:

31) How are the following problems different?

Simplify: $(2 + x)(3 - 2x)$

Simplify: $(2 + i)(3 - 2i)$

32) How are the following problems different?

Simplify: $2 + x - (3 - 2x)$

Simplify: $2 + i - (3 - 2i)$