

## Complex Numbers Worksheets

Simplify.

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

$$(6 - 3i)(-1 - i)$$

$$(-3 + 6i)^2$$

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

$$(-8 + 5i)^2$$

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

$$(5 + 5i)^2$$

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

$$(-7 + i)^2$$

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

## Complex Numbers Worksheets

Simplify.

$$(3 - 2i)^2$$
$$-12i + 5$$

$$(6 - 3i)(-1 - i)$$
$$-3i - 9$$

$$(-3 + 6i)^2$$
$$-36i - 27$$

$$(-8 - 2i)(4 + 3i)$$
$$-32i - 26$$

$$(-8 + 5i)^2$$
$$-80i + 39$$

$$(-8 - 2i)(5 + 6i)$$
$$-58i - 28$$

$$(5 + 5i)^2$$
$$0$$

$$(5 + 7i)(6 + i)$$
$$47i + 23$$

$$(-7 + i)^2$$
$$-14i + 48$$

$$(2 + 3i)(-3 - i)$$
$$-11i - 3$$