

1. Simplify the expression below into the form  $a + bi$ .

$$\frac{27 + 88i}{5 - 4i}$$

Simplify the expression below into the form  $a + bi$ .

$$\frac{-27 + 55i}{-4 + 2i}$$

What is the **smallest** set of Complex numbers that the number below belongs to?

$$\sqrt{\frac{715}{11}} + 6i^2$$

Simplify the expression below into the form  $a + bi$ .

$$(7 + 6i)(5 + 4i)$$

What is the **smallest** set of Real numbers that the number below belongs to?

$$\sqrt{\frac{1872}{8}}$$

What is the **smallest** set of Complex numbers that the number below belongs to?

$$\sqrt{\frac{0}{6}} + \sqrt{6}i$$

Simplify the expression below into the form  $a + bi$ .

$$(-7 - 10i)(2 + 9i)$$

Simplify the expression below.

$$20 - 1 \div 19 * 13 - (2 * 3)$$



Simplify the expression below.

$$2 - 7^2 + 9 \div 16 * 13 \div 4$$

What is the **smallest** set of Real numbers that the number below belongs to?

$$-\sqrt{\frac{19}{0}}$$

Simplify the expression below into the form  $a + bi$ .

$$\frac{-54 + 77i}{-2 + 5i}$$

Simplify the expression below into the form  $a + bi$ .

$$\frac{-63 + 11i}{5 + 8i}$$

What is the **smallest** set of Complex numbers that the number below belongs to?

$$\sqrt{\frac{-2805}{15}}i + \sqrt{182}i$$

Simplify the expression below into the form  $a + bi$ .

$$(2 - 5i)(-4 + 7i)$$

What is the **smallest** set of Real numbers that the number below belongs to?

$$-\sqrt{\frac{130321}{361}}$$

What is the **smallest** set of Complex numbers that the number below belongs to?

$$\sqrt{\frac{0}{289}} + \sqrt{3}i$$



Simplify the expression below into the form  $a + bi$ .

$$(4 - 6i)(5 + 2i)$$

Simplify the expression below.

$$11 - 5^2 + 7 \div 1 * 19 \div 4$$

Simplify the expression below.

$$11 - 5 \div 17 * 19 - (1 * 4)$$

What is the **smallest** set of Real numbers that the number below belongs to?

$$\sqrt{\frac{-2366}{13}}$$

Simplify the expression below into the form  $a + bi$ .

$$\frac{54 - 11i}{-8 + 3i}$$

Simplify the expression below into the form  $a + bi$ .

$$\frac{-63 - 55i}{-3 + 6i}$$

What is the **smallest** set of Complex numbers that the number below belongs to?

$$\sqrt{\frac{361}{225}} + 25i^2$$

Simplify the expression below into the form  $a + bi$ .

$$(5 - 9i)(2 + 8i)$$



What is the **smallest** set of Real numbers that the number below belongs to?

$$-\sqrt{\frac{1320}{10}}$$

What is the **smallest** set of Complex numbers that the number below belongs to?

$$\frac{-19}{-12} + \sqrt{-36}i$$

Simplify the expression below into the form  $a + bi$ .

$$(7 + 2i)(9 - 5i)$$

Simplify the expression below.

$$14 - 10 \div 8 * 5 - (3 * 15)$$

Simplify the expression below.

$$11 - 19^2 + 2 \div 9 * 8 \div 1$$

What is the **smallest** set of Real numbers that the number below belongs to?

$$\sqrt{\frac{10816}{169}}$$