

Name _____
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Date _____
Algebra II

Dividing Complex Numbers

Divide the following complex numbers and express in $a + bi$ form

1. $\frac{2}{5 - 2i}$

2. $\frac{9}{-9 - 5i}$

3. $\frac{7 - 2i}{5 - i}$

4. $\frac{6 + 2i}{-2 - 7i}$

$$5. \frac{9+i}{-1+3i}$$

$$6. \frac{3-2i}{4-i}$$

$$7. \frac{8-3i}{7+5i}$$

$$8. \frac{4-4i}{1-i}$$