



# Dividing Complex Numbers

Version 1

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Direction: Simplify by dividing the complex numbers. Show your solution on the space provided.

1)  $\frac{2+i}{1-i}$

2)  $\frac{4-2i}{2+2i}$

3)  $\frac{-1+7i}{5+3i}$

4)  $\frac{-8+4i}{4-8i}$



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Direction: Simplify by dividing the complex numbers. Show your solution on the space provided.

1)  $\frac{2+i}{1-i}$

$$\frac{1+3i}{2}$$

2)  $\frac{4-2i}{2+2i}$

$$\frac{1-3i}{2}$$

3)  $\frac{-1+7i}{5+3i}$

$$\frac{8+19i}{17}$$

4)  $\frac{-8+4i}{4-8i}$

$$\frac{-4-3i}{5}$$