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Dividing Complex Numbers

Name	
Date _	Period

Divide the following

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

Can not have an <u>imaginary number</u> in the denominator of fraction To simplify, multiply numerator and denominator by the <u>conjugate</u> of denominator

Divide the following

$$\frac{-3-12i}{6i}$$

Can not have an <u>imaginary number</u> in the denominator of fraction To simplify, multiply numerator and denominator by the <u>conjugate</u> of denominator

Divide the following

$$\frac{17}{4+i}$$

Divide the following

$$\frac{2+5i}{5+2i}$$