

Complex Numbers Worksheets

Simplify.

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

$$\frac{5i}{8-7i}$$

$$\frac{-4i}{9+i}$$

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

$$\frac{i}{10+2i}$$

$$\frac{5i}{10-i}$$

$$\frac{7i}{2+3i}$$

$$\frac{-6i}{-5-3i}$$

Complex Numbers Worksheets

Simplify.

$$\frac{-i}{4-2i}$$
$$= \frac{-2i+1}{10}$$

$$\frac{5i}{8-7i}$$
$$= \frac{40i-35}{113}$$

$$\frac{-4i}{9+i}$$
$$= \frac{-2-18i}{41}$$

$$\frac{i}{-6-i}$$
$$= \frac{-6i+1}{37}$$

$$\frac{i}{10+2i}$$
$$= \frac{1+5i}{32}$$

$$\frac{5i}{10-i}$$
$$= \frac{50i-1}{101}$$

$$\frac{7i}{2+3i}$$
$$= \frac{14i+21}{13}$$

$$\frac{-6i}{-5-3i}$$
$$= \frac{15i+9}{17}$$