

## Worksheet 7.6

*Division of Real Numbers.*

*Divide. See examples on pages 433-434 in text.*

1.  $\frac{-84}{7}$

- A) -22      B)  $-\frac{1}{12}$       C) -12      D) 12

2.  $\frac{-147}{-7}$

- A) 21      B) 11      C)  $\frac{1}{21}$       D) -21

3.  $\frac{588}{-98}$

- A)  $-\frac{1}{6}$       B) -6      C) 6      D) -16

*Find the reciprocal, if it exists. See examples on pages 434-435 in text.*

4.  $-\frac{5}{4}$

- A) 1      B)  $\frac{5}{4}$       C)  $\frac{4}{5}$       D)  $-\frac{4}{5}$

5. -13

- A) 13      B) 1      C)  $\frac{1}{13}$       D)  $-\frac{1}{13}$

Find the reciprocal, if it exists. See examples on pages 434-435 in text.

6. 0.2

- A) 5      B) 1      C) -5      D) -0.2

Rewrite the division as a multiplication. See examples on pages 435-436 in text.

7.  $3 \div (-11)$

- A)  $3 \cdot \left(-\frac{1}{11}\right)$       B)  $-3 \cdot \left(-\frac{1}{11}\right)$       C)  $-3 \cdot 11$       D)  $-3 \cdot -11$

8.  $\frac{x}{\frac{1}{y}}$

- A)  $x(y)$       B)  $\frac{1}{x}(y)$       C)  $x\left(\frac{1}{y}\right)$       D)  $x(-y)$

Divide. See examples on pages 435-436 in text.

9.  $\left(\frac{9}{50}\right) \div \left(\frac{-7}{5}\right)$

- A) -0.12857143      B) -0.252      C) -7.7777778      D) -0.12857143

10.  $-2.8 \div 0.04$

- A) -2.76      B) -70      C)  $\frac{1}{70}$       D) -27.6