

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

Grade: \_\_\_\_\_

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

## Worksheet #7

**Equivalent Rational Numbers**

**Learning Goal:** Students will be able to find an equivalent rational number by Multiplication and division.

**Example:**

$$\frac{5}{-2} \times \frac{3}{3} = \frac{-15}{6}$$

Common multiple  
↖

a)  $\frac{72}{-48} = \frac{\square}{96}$

f)  $-\frac{2}{19} = \frac{\square}{171}$

b)  $\frac{9}{-6} = \frac{\square}{18}$

g)  $\frac{-21}{6} = \frac{\square}{36}$

c)  $\frac{-11}{5} = \frac{\square}{30}$

h)  $\frac{-7}{21} = \frac{\square}{42}$

d)  $\frac{-2}{7} = \frac{\square}{56}$

i)  $\frac{5}{-9} = \frac{\square}{72}$

e)  $\frac{15}{-16} = \frac{\square}{96}$

j)  $\frac{-20}{9} = \frac{\square}{45}$

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

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## Worksheet #7(Answers)

**Equivalent Rational Numbers**

**Learning Goal:** Students will be able to find an equivalent rational number by Multiplication and division.

**Example:**

$$\frac{5}{-2} \times \frac{3}{3} = \frac{-15}{6}$$

Common multiple  
↖

a)  $\frac{72}{-48} = \frac{-144}{96}$

f)  $-\frac{2}{19} = \frac{-18}{171}$

b)  $\frac{9}{-6} = \frac{-27}{18}$

g)  $\frac{-21}{6} = \frac{-126}{36}$

c)  $\frac{-11}{5} = \frac{-66}{30}$

h)  $\frac{-7}{21} = \frac{-14}{42}$

d)  $\frac{-2}{7} = \frac{-16}{56}$

i)  $\frac{5}{-9} = \frac{-40}{72}$

e)  $\frac{15}{-16} = \frac{-90}{96}$

j)  $\frac{-20}{9} = \frac{-100}{45}$