Name: **Grade:** **Score:**

Worksheet #5

Equivalent Rational Numbers

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

Example:

Common multiple

$$\frac{-1}{3} \times \frac{5}{5} = \frac{-5}{15}$$

a) $\frac{-12}{9} = \frac{-72}{\square}$

b) $\frac{-2}{5} = \frac{-16}{\square}$

c) $\frac{8}{-9} = \frac{\square}{72}$

d) $\frac{7}{-13} = \frac{-21}{\square}$

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

f) $-\frac{2}{9} = -\frac{\square}{18}$

g) $\frac{-13}{5} = \frac{-65}{\square}$

h) $\frac{-12}{7} = \frac{-60}{\square}$

i) $\frac{-4}{9} = \frac{-44}{\square}$

j) $\frac{2}{-8} = \frac{-26}{\square}$

Name: **Grade:** **Score:**

Worksheet #5(Answers)

Equivalent Rational Numbers

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

Example:

Common multiple

$$\frac{-1}{3} \times \frac{5}{5} = \frac{-5}{15}$$

a) $\frac{-12}{9} = \frac{-72}{54}$

b) $\frac{-2}{5} = \frac{-16}{40}$

c) $\frac{8}{-9} = \frac{-64}{72}$

d) $\frac{7}{-13} = \frac{-21}{39}$

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

f) $-\frac{2}{9} = -\frac{4}{18}$

g) $\frac{-13}{5} = \frac{-65}{25}$

h) $\frac{-12}{7} = \frac{-60}{35}$

i) $\frac{-4}{9} = \frac{-44}{99}$

j) $\frac{2}{-8} = \frac{-26}{104}$