

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

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

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

Worksheet #1



## Multiplying Rational Numbers

**Learning Goal:** Students will be able to multiply and simplify rational numbers.

**Example:**

$$7 \times \frac{-2}{3} = -\frac{14}{3}$$

a)  $-8 \times \frac{1}{6} =$

f)  $\frac{-2}{9} \times 5 =$

b)  $-10 \times \frac{3}{8} =$

g)  $\frac{-5}{9} \times 7 =$

c)  $-7 \times \frac{5}{4} =$

h)  $-\frac{2}{7} \times 3 =$

d)  $-5 \times \frac{-5}{6} =$

i)  $-\frac{3}{7} \times 6 =$

e)  $-7 \times \frac{-3}{5} =$

j)  $\frac{-1}{7} \times 9 =$

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

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## Worksheet #1(Answers)

**Multiplying Rational Numbers**

**Learning Goal:** Students will be able to multiply and simplify rational numbers.

**Example:**

$$7 \times \frac{-2}{3} = -\frac{14}{3}$$

$$a) -8 \times \frac{1}{6} = -\frac{4}{3}$$

$$f) \frac{-2}{9} \times 5 = -\frac{10}{9}$$

$$b) -10 \times \frac{3}{8} = -\frac{15}{4}$$

$$g) \frac{-5}{9} \times 7 = -\frac{35}{9}$$

$$c) -7 \times \frac{5}{4} = -\frac{35}{4}$$

$$h) -\frac{2}{7} \times 3 = -\frac{6}{7}$$

$$d) -5 \times \frac{-5}{6} = \frac{25}{6}$$

$$i) -\frac{3}{7} \times 6 = -\frac{18}{7}$$

$$e) -7 \times \frac{-3}{5} = \frac{21}{5}$$

$$j) \frac{-1}{7} \times 9 = -\frac{9}{7}$$