

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

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

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

## Worksheet #4

**Subtracting Rational Numbers**

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

**Example:**

$$\frac{4}{5} - \frac{1}{3} = \frac{7}{15}$$

a)  $\frac{1}{2} - \frac{-2}{5} =$

f)  $\frac{3}{4} - \frac{3}{5} =$

b)  $\frac{3}{5} - \frac{-2}{7} =$

g)  $\frac{2}{3} - \frac{1}{8} =$

c)  $\frac{3}{7} - \frac{-1}{5} =$

h)  $\frac{5}{7} - \frac{1}{3} =$

d)  $\frac{2}{3} - \frac{-1}{2} =$

i)  $\frac{4}{5} - \frac{7}{9} =$

e)  $\frac{5}{9} - \frac{-3}{7} =$

j)  $\frac{4}{5} - \frac{-1}{5} =$

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## Worksheet #4(Answers)

**Subtracting Rational Numbers**

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

**Example:**

$$\frac{4}{5} - \frac{1}{3} = \frac{7}{15}$$

a)  $\frac{1}{2} - \frac{-2}{5} = \boxed{\frac{9}{10}}$

f)  $\frac{3}{4} - \frac{3}{5} = \boxed{\frac{3}{20}}$

b)  $\frac{3}{5} - \frac{-2}{7} = \boxed{\frac{31}{35}}$

g)  $\frac{2}{3} - \frac{1}{8} = \boxed{\frac{13}{24}}$

c)  $\frac{3}{7} - \frac{-1}{5} = \boxed{\frac{22}{35}}$

h)  $\frac{5}{7} - \frac{1}{3} = \boxed{\frac{8}{21}}$

d)  $\frac{2}{3} - \frac{-1}{2} = \boxed{\frac{7}{6}}$

i)  $\frac{4}{5} - \frac{7}{9} = \boxed{\frac{1}{45}}$

e)  $\frac{5}{9} - \frac{-3}{7} = \boxed{\frac{62}{63}}$

j)  $\frac{4}{5} - \frac{-1}{5} = \boxed{1}$