

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

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

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

Worksheet #5



## Adding Rational Numbers

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

**Example:**

$$\frac{1}{2} + \frac{7}{4} = \frac{9}{8}$$

a)  $\frac{-4}{5} + \frac{5}{2} =$

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

b)  $\frac{-6}{7} + \frac{5}{3} =$

g)  $\frac{8}{5} + \frac{-6}{9} =$

c)  $\frac{-6}{7} + \frac{5}{2} =$

h)  $\frac{4}{3} + \frac{-2}{5} =$

d)  $\frac{-1}{7} + \frac{7}{2} =$

i)  $\frac{7}{5} + \frac{-3}{5} =$

e)  $\frac{-2}{7} + \frac{7}{4} =$

j)  $\frac{-11}{3} + \frac{1}{3} =$

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

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## Worksheet #5(Answers)

**Adding Rational Numbers****Learning Goal:** Students will be able to add and simplify rational numbers.**Example:**

$$\frac{1}{2} + \frac{7}{4} = \frac{9}{8}$$

a)  $\frac{-4}{5} + \frac{5}{2} = \boxed{\frac{17}{10}}$

f)  $\frac{7}{3} + \frac{-2}{5} = \boxed{\frac{29}{15}}$

b)  $\frac{-6}{7} + \frac{5}{3} = \boxed{\frac{17}{21}}$

g)  $\frac{8}{5} + \frac{-6}{9} = \boxed{\frac{18}{15}}$

c)  $\frac{-6}{7} + \frac{5}{2} = \boxed{\frac{23}{14}}$

h)  $\frac{4}{3} + \frac{-2}{5} = \boxed{\frac{14}{15}}$

d)  $\frac{-1}{7} + \frac{7}{2} = \boxed{\frac{47}{14}}$

i)  $\frac{7}{5} + \frac{-3}{5} = \boxed{\frac{4}{5}}$

e)  $\frac{-2}{7} + \frac{7}{4} = \boxed{\frac{41}{28}}$

j)  $\frac{-11}{3} + \frac{1}{3} = \boxed{-\frac{10}{3}}$