

Name: _____

Grade: _____

Score: _____

Worksheet #8



Adding Rational Numbers

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

Example:

$$1\frac{1}{3} + \frac{7}{5} = \frac{41}{15}$$

a) $1\frac{1}{2} + \frac{-5}{3} =$

f) $\frac{-8}{3} + 1\frac{1}{3} =$

b) $1\frac{2}{3} + \frac{-7}{2} =$

g) $\frac{-9}{7} + 3\frac{1}{2} =$

c) $1\frac{2}{5} + \frac{-5}{2} =$

h) $\frac{-9}{2} + 2\frac{1}{3} =$

d) $5\frac{1}{3} + \frac{-5}{3} =$

i) $\frac{-11}{3} + 3\frac{1}{4} =$

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

j) $\frac{-7}{3} + 2\frac{1}{2} =$

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Worksheet #8(Answers)

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

$$1\frac{1}{3} + \frac{7}{5} = \frac{41}{15}$$

a) $1\frac{1}{2} + \frac{-5}{3} =$

$$\frac{1}{6}$$

f) $\frac{-8}{3} + 1\frac{1}{3} =$

$$-1$$

b) $1\frac{2}{3} + \frac{-7}{2} =$

$$\frac{11}{6}$$

g) $\frac{-9}{7} + 3\frac{1}{2} =$

$$\frac{19}{14}$$

c) $1\frac{2}{5} + \frac{-5}{2} =$

$$\frac{11}{10}$$

h) $\frac{-9}{2} + 2\frac{1}{3} =$

$$-\frac{19}{6}$$

d) $5\frac{1}{3} + \frac{-5}{3} =$

$$4$$

i) $\frac{-11}{3} + 3\frac{1}{4} =$

$$-\frac{13}{12}$$

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

$$\frac{11}{10}$$

j) $\frac{-7}{3} + 2\frac{1}{2} =$

$$-\frac{1}{6}$$