

Name: _____

Grade: _____

Score: _____

Worksheet #8

**Subtracting Rational Numbers**

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

Example:

$$\frac{9}{5} - \frac{7}{15} = \frac{20}{15}$$

a) $1\frac{1}{10} - \frac{5}{6} =$

f) $\frac{8}{5} - 1\frac{1}{3} =$

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

g) $\frac{9}{4} - 1\frac{2}{5} =$

c) $-2\frac{2}{3} - \frac{5}{2} =$

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

d) $-3\frac{1}{4} - \frac{5}{3} =$

i) $-\frac{11}{2} - 5\frac{1}{4} =$

e) $\frac{-7}{2} - 1\frac{1}{4} =$

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

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Worksheet #8 (Answers)

**Subtracting Rational Numbers**

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

Example:

$$\frac{9}{5} - \frac{7}{15} = \frac{20}{15}$$

a) $1\frac{1}{10} - \frac{5}{6} = \frac{1}{15}$

f) $\frac{8}{5} - -1\frac{1}{3} = \frac{4}{15}$

b) $-3\frac{1}{3} - \frac{7}{3} = -\frac{17}{3}$

g) $\frac{9}{4} - 1\frac{2}{5} = \frac{17}{20}$

c) $-2\frac{2}{3} - \frac{5}{2} = -\frac{31}{6}$

h) $\frac{-9}{2} - 1\frac{2}{3} = -\frac{37}{6}$

d) $-3\frac{1}{4} - \frac{5}{3} = -\frac{50}{12}$

i) $-\frac{11}{2} - 5\frac{1}{4} = -\frac{43}{4}$

e) $\frac{-7}{2} - 1\frac{1}{4} = -\frac{19}{4}$

j) $-2\frac{2}{5} - \frac{7}{3} = -\frac{71}{15}$