

Name: _____

Grade: _____

Score: _____

Worksheet #6



Adding Rational Numbers

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

Example:

$$2\frac{1}{3} + \frac{3}{5} = \frac{44}{15}$$

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

f) $-1\frac{2}{3} + \frac{1}{4} =$

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

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

c) $-2\frac{1}{5} + \frac{2}{15} =$

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

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

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

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

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

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Worksheet #6(Answers)

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

$$2\frac{1}{3} + \frac{3}{5} = \frac{44}{15}$$

a) $-1\frac{2}{7} + \frac{1}{3} = \boxed{-\frac{20}{21}}$

f) $-1\frac{2}{3} + \frac{1}{4} = \boxed{-\frac{17}{12}}$

b) $-1\frac{1}{4} + \frac{3}{5} = \boxed{-\frac{17}{20}}$

g) $-1\frac{1}{3} + \frac{5}{3} = \boxed{\frac{4}{3}}$

c) $-2\frac{1}{5} + \frac{2}{15} = \boxed{-\frac{31}{15}}$

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

d) $-1\frac{2}{3} + \frac{2}{8} = \boxed{-\frac{19}{12}}$

i) $-2\frac{1}{3} + \frac{1}{5} = \boxed{-\frac{32}{15}}$

e) $-3\frac{1}{2} + \frac{1}{3} = \boxed{-\frac{19}{6}}$

j) $-3\frac{1}{3} + \frac{1}{9} = \boxed{-\frac{29}{9}}$