Name: _____   **Grade:** _____   **Score:** _____

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Worksheet #3

Dividing Rational Numbers

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

Example:

$$7 \div 1\frac{1}{6} = \frac{6}{1}$$

a) $-15 \div 1\frac{2}{3} =$

f) $-25 \div 2\frac{1}{2} =$

b) $-14 \div 2\frac{4}{5} =$

g) $-16 \div 2\frac{2}{3} =$

c) $-21 \div 1\frac{2}{3} =$

h) $-15 \div 2\frac{2}{4} =$

d) $-22 \div 2\frac{3}{4} =$

i) $-18 \div 3\frac{3}{5} =$

e) $-15 \div 1\frac{2}{3} =$

j) $-7 \div 10\frac{1}{2} =$

Worksheet #3(Answers)

Dividing Rational Numbers

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

Example:

$$7 \div 1\frac{1}{6} = \frac{6}{1}$$

a) $-15 \div 1\frac{2}{3} = \boxed{-9}$

f) $-25 \div 2\frac{1}{2} = \boxed{-10}$

b) $-14 \div 2\frac{4}{5} = \boxed{-5}$

g) $-16 \div 2\frac{2}{3} = \boxed{-6}$

c) $-21 \div 1\frac{2}{3} = \boxed{-\frac{63}{5}}$

h) $-15 \div 2\frac{2}{4} = \boxed{-6}$

d) $-22 \div 2\frac{3}{4} = \boxed{-8}$

i) $-18 \div 3\frac{3}{5} = \boxed{-5}$

e) $-15 \div 1\frac{2}{3} = \boxed{-9}$

j) $-7 \div 10\frac{1}{2} = \boxed{-\frac{2}{3}}$