1.3: Review of Fractions and Getting Ready

Warm-Up

Evaluate each of the following given that d=4 and s=5.

1. a) 3d - 2s

   b) d² - 5s

   c) $a = \sqrt{s^2 - d^2}$

Equivalent Fractions

Find the missing number

1. a) $\dfrac{1}{3} = \dfrac{15}{}$

   b) $\dfrac{10}{} = \dfrac{2}{4}$

   c) $\dfrac{6}{21} = \dfrac{}{21}$

   d) $\dfrac{27}{81} = \dfrac{}{27}$

Adding and Subtracting Fractions

Simplify the following:

1. a) $\dfrac{1}{6} + \dfrac{5}{6}$

   b) $\dfrac{7}{15} - \dfrac{1}{10}$

   Summary Rules

c) $3\dfrac{5}{9} + 1\dfrac{2}{3}$

d) $3\dfrac{3}{5} - 2\dfrac{1}{2}$

Multiply/Divide Fractions

Find the missing number:

1. a) $\dfrac{1}{3} \ X \ \dfrac{5}{6}$

b) $\dfrac{7}{15} \ X \ \dfrac{10}{4}$

Summary Rules

c) $\dfrac{3}{4} \ \div \ \dfrac{6}{5}$

d) $\dfrac{18}{5} \div 2$

Homework: See unit 1 outline. If you've lost yours, you can get one on the website GreerWCI.weebly.com