

Homework

Activity 1

Convert the fractions to percents. Remember to make them hundredths.

1. $\frac{1}{5}$

2. $\frac{15}{20}$

3. $\frac{1}{10}$

4. $\frac{3}{25}$

5. $\frac{4}{50}$

6. $\frac{1}{2}$

Activity 2

Tell all the different ratios involved in each of the mixtures.

Model The pink paint is made up of 2 parts red and 1 part white.

$$\frac{\text{Red}}{\text{White}} = \frac{2}{1}$$

$$\frac{\text{Red}}{\text{Total Mixture}} = \frac{2}{3}$$

$$\frac{\text{White}}{\text{Total Mixture}} = \frac{1}{3}$$

- The pancake batter is 3 parts water to 2 parts mix.
- The sore throat remedy is 10 parts water to 1 part salt.
- The caramel latte is 2 parts caramel to 12 parts milk.

Activity 3

In each problem, tell what percent the part is compared to the whole mixture.

- The lemonade is made from 6 cups of water and 1 cup of powdered lemon concentrate. What percent of the mixture is water?
- The orange paint is made with 3 parts red paint and 2 parts yellow paint. What percent of the mixture is red paint?
- The pancake batter is made with 2 cups of mix and 3 cups of water. What percent of the pancake batter is the mix?

Activity 4 • Distributed Practice

Solve.

1. $30.27 - 25.38 = a$

2. $\frac{11}{12} \cdot \frac{1}{2} = b$

3. $16.8 \div 0.2 = c$

4. $\frac{1}{3} + \frac{1}{9} + \frac{1}{6} = d$

- Write the decimal number 0.008 as a fraction.
- Write the fraction $\frac{1}{3}$ as a percent.
- Write 150% as a mixed number.
- Write 20% as a decimal number.