

## Homework

## Activity 1

Convert the following percents to decimal numbers.

1. 35%
2. 15%
3. 5%
4. 20%
5. 10%

## Activity 2

Select the correct answer for each of the percent problems.

1. What is the discount on a \$200 item that is 15% off?  
(a) \$3  
(b) \$30  
(c) \$170
2. What is the tax on a \$500 item at a 6% tax rate?  
(a) \$3  
(b) \$30  
(c) \$470
3. What tip would you pay on a \$60 meal at a 15% tip rate?  
(a) \$9  
(b) \$90  
(c) \$69
4. How much interest will you earn at 2% on \$1,000?  
(a) \$20  
(b) \$200  
(c) \$800

## Activity 3

Solve the word problems involving percents.

1. What is the discount on a \$100 item that is 10% off?
2. What is the discount on a \$200 item that is 10% off?
3. How much would a 15% tip be on a \$150 meal?
4. How much interest will you earn on \$500 at 1%?
5. How much interest will you earn on \$1,000 at 2%?
6. What is the tax on a \$375 item at a 5% tax rate?

## Activity 4 • Distributed Practice

Solve.

1.  $\frac{1}{3} \cdot \frac{4}{8}$
2.  $1.29 + 15.09$
3.  $332.11 - 219.34$
4.  $7.8 - 3.9$
5.  $\frac{2}{3} \div \frac{1}{2}$
6.  $2.1 \cdot 7$
7.  $\frac{5}{2} - \frac{1}{3}$
8.  $0.44 \div 0.4$