

## Homework

## Activity 1

Find the missing information in the table by converting fractions, decimal numbers, or percents. Use the letters to label your answers.

Fraction	Decimal Number	Percents
$\frac{1}{4}$	(a)	(b)
(c)	0.75	(d)
(e)	(f)	50%
$\frac{1}{5}$	(g)	(h)

## Activity 2

For each percent, give the equivalent decimal number.

- 35%
- 25%
- 2.5%
- 0.25%
- 50%
- 5%

## Activity 3

Solve each of the problems involving percents.

- Three years ago, the cost of coffee was \$5.00 per pound and now it has increased by 50 percent. What is the cost of coffee now?
- The price of gas has increased by 200 percent since last year. Last year, gas cost \$1.50 per gallon. How much does it cost now?
- Five years ago, the cost of milk was \$1.00 per gallon. If the cost has now increased by 75 percent, how much is milk per gallon?
- The price of music CDs is going down. Last year they cost \$15. You can get them now at a 20 percent discount. How much do they cost now?

## Activity 4 • Distributed Practice

Solve.

- $0.275 + 0.1 + 0.99$
- $27.05 - 19.99$
- $0.25 \cdot 500$
- $3.75 \div 3$
- $\frac{37}{40} - \frac{1}{20}$
- $\frac{8}{9} \cdot \frac{5}{8}$