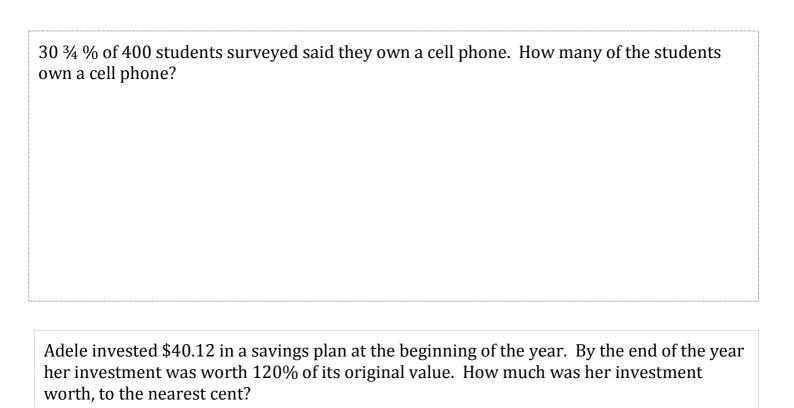# 4- Understanding Percents
4.3 Percent of a Number

To calculate the percent of a number, write the percent as a _____ and then _____ by the number.

Example: 12% of 50

Determine the percent of each number:

a) 35% of 15

b) 230% of 35

c) 0.1% of 5000

d) 2 ½ % of 20 000

What are two examples of when you'd need to find a percent of a number?

Hint: shopping, restaurants

A survey showed that ¼% of 800 students use inline skates to get to school. How many of the 800 students use inline skate to get to school?

30 ¾ % of 400 students surveyed said they own a cell phone. How many of the students own a cell phone?

Adele invested $40.12 in a savings plan at the beginning of the year. By the end of the year her investment was worth 120% of its original value. How much was her investment worth, to the nearest cent?

Determine the percent of each number:

a) 160% of $53.27

b) ¾ % of 135

c) 55 $\frac{5}{8}$ % of 500