Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Learning Target: I can solve real world percent problems.

Objective: I can calculate the percent of a number by converting the percent to a decimal and multiplying.

To find a percentage of an amount using fractions.

Step 1: Put the **percent** over 100 to form a **fraction**.

Step 2: Multiply.

Step 3: Then divide the top **number** (numerator) by the bottom **number** (denominator).

Example: What is 40% off 60?

$\frac{40}{100} x \frac{60}{1}$

$\frac{2400}{100}$ (is the same as 2400 $÷100$)

=24

24 is 40% of 60.

Guided Practice:

1. What is 15% of 45?
2. What is 7% of 47?
3. In a study of 200 students under 25 years old, 20% have not yet learned to drive. How many students cannot drive?
4. In a packet of 40 skittles, 30% are red. How many red skittles are there?
5. Frazer scores 70% in a spelling test with 20 questions. How many did he get right?
6. In a group of 26 children, 50% have brown eyes. How many children have brown eyes?
7. A toy car costing $50 is reduced by 10% in the sale. How much money is it reduced by?
8. In a survey of 300 adults 10% did not know how to ride a bike. How many people is this?