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 decimals:

Step 1: Convert the given percentage to a decimal by moving two spaces to the left.

Step 2: Multiply the decimal from step 1 by the amount.

Step 3: Move the decimal point the number of places in the equation.

Examples:

What is 80% of 15?

 15

 x.80

 00

 +1200

 12.00

What is 5% of 19?

 19

 x .05

What is 12.5% of 300?

 300

 x .125

1. 10 % of 110= 2. 6 % of 550 =
2. 75 % of 6796
3. In a class of 30 students, 60% of the children are girls. How many girls are there in the class?
4. In a group of 30 children, 80% can swim. How many children cannot swim?
5. New York Knicks have lost 25% of their games. If they played 16 games, how many have they lost?