GUIDED NOTES

Objective: I will be able to convert fractions, decimals, and percents

Standard: 6.NSO-N.5 identify and determine common equivalent fractions missed numbers decimals and percentages.

Homework:

**Fractions to Decimal:**

1. Use\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ goes inside
3. Denominator goes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Example 1: Express 3/8 as a decimal You try Express ¾ as a decimal

Answer will:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

OR

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Express mixed numbers as decimals**

1. Set up \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on the fraction part
2. Place whole \_\_\_\_\_\_\_\_\_ in \_\_\_\_\_\_\_\_\_\_\_\_\_ of decimal

Example: Convert 5 1/8 to a decimal Example: you try convert 12 5/8 to a decimal

**How do I express decimals as fractions?**

1. Convert decimal to base 10 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ex 1



Ex 3

Ex 2

**Question: How do I express decimals as percents**?

1. Move decimal point \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Add the \_\_\_\_\_\_\_\_ sign.

Examples You Try:

**Question: How do I express Percents as decimals?**

1. Move decimal 2 places to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Remove the \_\_\_\_\_\_\_\_\_\_\_ sign.

Example You try

**Question: How do I express fractions as percents?**

1. Set up a proportion: “\_\_\_\_\_\_\_\_\_\_\_\_\_\_”
2. Change \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, then change the decimal to\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Example

 You try ( 5 problems)

Convert fractions as percents by long division

Exit Slip: convert decimals, percents, fractions Name:

Fill in the following table:

|  |  |  |
| --- | --- | --- |
| Fraction | Percent | Decimal |
| ¾  |  |  |
|  | 60% |  |
|  |  | 0.75 |
| 5/8  |  |  |