

Name \_\_\_\_\_

### Percentages of Integers (Fraction Method) Guided Lesson Explanation

For all the problems:

Step 1) Determine what percentage you are looking for of the integer.

Step 2) Convert the percentage to a fraction.

Step 3) Multiply the numerator by the integer. And divide by the denominator .

1. Step 1: What is 34% of 282?

$$\text{Step 2: } 34\% = \frac{34}{100}$$

$$\text{Step 3: } \frac{34}{100} \times 282 = \frac{9,588}{100} = 95.88 = 96$$

2. Step 1: What is 37% of 967? (Stated for us)

$$\text{Step 2: } 37\% = \frac{37}{100}$$

$$\text{Step 3: } \frac{37}{100} \times 967 = \frac{35,779}{100} = 357.79 = 358$$

3. Step 1: What is 15% of 9,456?

$$\text{Step 2: } 15\% = \frac{15}{100}$$

$$\text{Step 3: } \frac{15}{100} \times 9,456 = \frac{141,840}{100} = 1,418.4 = 1,418$$

