Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Day 12: Fractions, Decimals, Percent**

Decimals, fractions and percents are just different ways of showing the same value.

 A half can be written as: A quarter can be written as:

A fraction: \_\_\_\_\_\_\_\_\_\_\_\_ A fraction: \_\_\_\_\_\_\_\_\_\_\_\_\_

A decimal: \_\_\_\_\_\_\_\_\_\_\_\_ A decimal: \_\_\_\_\_\_\_\_\_\_\_\_\_

A percent: \_\_\_\_\_\_\_\_\_\_\_\_ A percent: \_\_\_\_\_\_\_\_\_\_\_\_\_

Conversions:

**Fraction to a Decimal:**

**Decimal to Fraction:** Convert 0.75 to a fraction

1.

2.

3.

4.

**Fraction to percent** Convert to a percent

1.

2.

**Percent to a Fraction** Convert 80% to a fraction

1.

2.

3.

4.

5.

**http://www.mathsisfun.com/images/decimal-to-percent.gifFrom Decimal to Percent**

Multiply by 100, and add a "%" sign.

The easiest way to multiply by 100 is to move the decimal point 2 places to the right:

**http://www.mathsisfun.com/images/percent-to-decimal.gifFrom Percent to Decimal**

Divide by 100, and remove the "%" sign.

The easiest way to divide by 100 is to **move the decimal point 2 places to the left**:

***Fill in the missing information in the chart.***

|  |  |  |
| --- | --- | --- |
| **Reduced Fraction** | **Decimal** | **Percent** |
|  |  | 12% |
|  |  | 7% |
|  |  | 275% |
|  | 0.38 |  |
|  | 0.057 |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | 1.27% |
|  |  |  |
|  | 0.005 |  |
|  | 1.2 |  |
|  | 3.075 |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |