

Name \_\_\_\_\_

## Decimals and Fractions

### Convert decimals to fractions.

Write the equivalent fraction for each decimal. Simplify your answers.

#### How to convert a decimal to a fraction:

**Step 1:** Look the places to the right of the decimal; the name of the place tells you the denominator. If it is tenths, the denominator would be ten.

**Step 2:** Write the denominator. The number to the right of the decimal is the numerator.

**Step 3:** Simplify the fraction.

#### Example:

$$0.34 = \frac{34}{100} = \frac{17}{50}$$

(the 4 is the hundredths place, so the denominator is 100)

1) 0.65 \_\_\_\_\_ 2) 0.20 \_\_\_\_\_ 3) 0.12 \_\_\_\_\_

4) 0.9 \_\_\_\_\_ 5) 0.14 \_\_\_\_\_ 6) 0.4 \_\_\_\_\_

7) 0.75 \_\_\_\_\_ 8) 0.9 \_\_\_\_\_ 9) 0.25 \_\_\_\_\_

10) 0.78 \_\_\_\_\_ 11) 0.45 \_\_\_\_\_ 12) 0.125 \_\_\_\_\_

13) 0.32 \_\_\_\_\_ 14) 0.30 \_\_\_\_\_ 15) 0.28 \_\_\_\_\_