

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 _____