

# Converting to hundredths (2)

Name: \_\_\_\_\_

To convert a fraction to hundredths we follow the same rule as equivalent fractions.

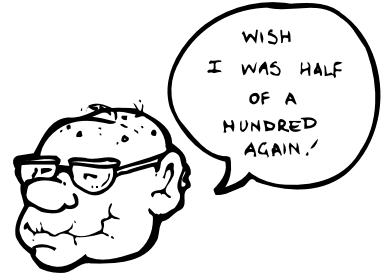
**We multiply the fraction by the whole fraction which gives a denominator of 100.**

For example, to convert the fraction  $\frac{1}{2}$

to a fraction out of 100 we multiply it by the whole fraction  $\frac{50}{50}$ :

$$\frac{1}{2} \times \frac{50}{50} = \frac{50}{100}$$

**whole  
fraction**



Therefore,  $\frac{1}{2}$  becomes  $\frac{50}{100}$ , which is 0.5 as a decimal.

Convert these fractions into decimals.

1.  $\frac{1}{10} = \frac{\quad}{100} = \boxed{0.}$

5.  $\frac{6}{20} = \frac{\quad}{100} = \boxed{0.}$

2.  $\frac{1}{5} = \frac{\quad}{100} = \boxed{0.}$

6.  $\frac{1}{25} = \frac{\quad}{100} = \boxed{0.}$

3.  $\frac{1}{20} = \frac{\quad}{100} = \boxed{0.}$

7.  $\frac{17}{25} = \frac{\quad}{100} = \boxed{0.}$

4.  $\frac{15}{20} = \frac{\quad}{100} = \boxed{0.}$

8.  $\frac{8}{10} = \frac{\quad}{100} = \boxed{0.}$

Convert these decimals back into fractions. Simplify the fractions wherever possible.

1.  $0.95 = \frac{\quad}{100} = \underline{\quad}$

5.  $0.9 = \frac{\quad}{100} = \underline{\quad}$

2.  $0.6 = \frac{\quad}{100} = \underline{\quad}$

6.  $0.2 = \frac{\quad}{100} = \underline{\quad}$

3.  $0.75 = \frac{\quad}{100} = \underline{\quad}$

7.  $0.02 = \frac{\quad}{100} = \underline{\quad}$

4.  $0.33 = \frac{\quad}{100} = \underline{\quad}$

8.  $0.85 = \frac{\quad}{100} = \underline{\quad}$