

Changing Decimals to Fractions In Lowest Terms

Convert each decimal to a fraction in lowest terms. First write the fraction over 10, 100 or 1,000 and then reduce.

1.) 0.8 $\frac{8}{10} \div 2$ $\frac{4}{5}$ 2.) 0.4 $\frac{4}{10} = \frac{2}{5}$

3.) 0.25 $\frac{25}{100} = \frac{5}{20} = \frac{1}{4}$ 4.) 0.5 $\frac{5}{10} = \frac{1}{2}$

5.) 0.85 $\frac{85}{100} \div 5$ $\frac{17}{20}$ 6.) 0.34 $\frac{34}{100} \div 2$ $\frac{17}{50}$

7.) 0.175 $\frac{175}{1000} = \frac{35}{200} = \frac{7}{40}$ 8.) 0.51 $\frac{51}{100}$

$$5 \overline{) 175} \\ \underline{15} \\ 25$$

$$5 \overline{) 1000} \quad 5 \overline{) 200}$$