

Convert the Decimals to Fractions

0.25 = _____

0.9 = _____

0.33 = _____

0.85 = _____

0.08 = _____

0.36 = _____

3.48 = _____

1.625 = _____

10.004 = _____

Convert Fractions to Decimals

$\frac{7}{25} = \text{---} = \text{---}$	$\frac{9}{50} = \text{---} = \text{---}$	$\frac{15}{20} = \text{---} = \text{---}$
$\frac{56}{1000} = \text{---} = \text{---}$	$\frac{120}{250} = \text{---} = \text{---}$	$\frac{4}{5} = \text{---} = \text{---}$

Divide out to the thousandths place if necessary.

$\frac{3}{4}$

$\frac{4}{7}$

$2\frac{7}{8}$

Convert the Decimals to Fractions

$$0.25 = \frac{25}{100} \div 25 = \frac{1}{4}$$

$$0.9 = \frac{9}{10} = \frac{9}{10}$$

$$0.33 = \frac{33}{100} = \frac{33}{100}$$

$$0.85 = \frac{85}{100} \div 5 = \frac{17}{20}$$

$$0.08 = \frac{8}{100} \div 4 = \frac{2}{25}$$

$$0.36 = \frac{36}{100} \div 4 = \frac{9}{25}$$

$$3.48 = 3 \frac{48}{100} \div 4 = 3 \frac{12}{25}$$

$$1.625 = 1 \frac{625}{1000} \div 125 = 1 \frac{5}{8}$$

$$10.004 = 10 \frac{4}{1000} \div 4 = 10 \frac{1}{250}$$

Convert Fractions to Decimals

$$\frac{7}{25} = \frac{28}{100} = 0.28$$

$$\frac{9}{50} = \frac{18}{100} = 0.18$$

$$\frac{15}{20} = \frac{75}{100} = 0.75$$

$$\frac{56}{1000} = 0.056$$

$$\frac{120}{250} = \frac{480}{1000} = 0.48$$

$$\frac{4}{5} = \frac{8}{10} = 0.8$$

Divide out to the thousandths place if necessary.

$$\frac{3}{4} = 0.75$$

$$\begin{array}{r} 4 \overline{) 3.00} \\ \underline{-0} \\ 30 \\ \underline{-28} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

$$\frac{4}{7} = 0.571$$

$$\begin{array}{r} 7 \overline{) 4.000} \\ \underline{-0} \\ 40 \\ \underline{-35} \\ 50 \\ \underline{-49} \\ 10 \\ \underline{-7} \\ 3 \end{array}$$

$$2\frac{7}{8} = 2\frac{23}{8} = 2.875$$

$$\begin{array}{r} 8 \overline{) 23.000} \\ \underline{-0} \\ 23 \\ \underline{-16} \\ 70 \\ \underline{-64} \\ 60 \\ \underline{-56} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$