

Converting Base-10 Fractions

1 Convert this fraction into a decimal.

$$\frac{6}{10} = \underline{\hspace{2cm}}$$

2 Convert this fraction into a decimal.

$$\frac{15}{100} = \underline{\hspace{2cm}}$$

3 Convert this fraction into a decimal.

$$\frac{42}{1000} = \underline{\hspace{2cm}}$$

4 Convert these fractions into decimals.

$$\frac{1}{10} \qquad \frac{1}{100} \qquad \frac{1}{1000}$$

5 Convert this fraction into a decimal.

$$\frac{168}{100} = \underline{\hspace{2cm}}$$

6 Convert this decimal into a fraction.

$$0.3 = \underline{\hspace{2cm}}$$

7 Convert this decimal into a fraction.

$$0.27 = \underline{\hspace{2cm}}$$

8 Convert this decimal into a fraction.

$$0.384 = \underline{\hspace{2cm}}$$

9 Convert this decimal into a fraction.

$$0.05 = \underline{\hspace{2cm}}$$

10 Convert this decimal into a fraction.

$$11.72 = \underline{\hspace{2cm}}$$

Converting Any Fraction

- 1** Convert the fraction into a decimal by dividing.

$$\frac{4}{5} = \underline{\hspace{2cm}}$$

- 2** Convert the fraction into a decimal by dividing.

$$\frac{1}{6} = \underline{\hspace{2cm}}$$

- 3** Convert the fraction into a decimal by dividing.

$$\frac{5}{12} = \underline{\hspace{2cm}}$$

- 4** Convert the fraction into a decimal by dividing.

$$\frac{8}{11} = \underline{\hspace{2cm}}$$

- 5** Convert the fraction into a decimal using a **calculator**. Round off to three decimal places.

$$\frac{22}{95} = \underline{\hspace{2cm}}$$



Comparing Fractions

1 Compare these fractions:

$$\frac{7}{16} \bigcirc \frac{9}{16}$$

2 Compare these fractions:

$$\frac{3}{20} \bigcirc \frac{2}{20}$$

3 Compare these fractions:

$$\frac{5}{6} \bigcirc \frac{7}{8}$$

4 Compare these fractions:

$$\frac{3}{4} \bigcirc \frac{9}{12}$$

5 Compare these fractions:

$$\frac{8}{11} \bigcirc \frac{3}{5}$$

6 Compare these fractions:

$$\frac{4}{10} \bigcirc \frac{5}{12}$$

7 Compare these fractions:



$$\frac{8}{23} \bigcirc \frac{5}{17}$$

8 Compare these fractions:



$$\frac{5}{16} \bigcirc \frac{20}{64}$$

9 Convert to decimals to compare:



$$\frac{2}{17} \bigcirc \frac{3}{19}$$

10 Convert to decimals to compare:



$$\frac{7}{32} \bigcirc \frac{5}{29}$$
