Fractions to Percentages

Aim: To know and calculate the percentages equivalent to common fractions.

1. Write the equivalent percentage to each fraction. Round any decimal answers to one decimal place.

$\frac{1}{2}$ = ☐ $\frac{1}{6}$ = ☐ $\frac{1}{20}$ = ☐

$\frac{1}{3}$ = ☐ $\frac{5}{6}$ = ☐ $\frac{3}{20}$ = ☐

$\frac{2}{3}$ = ☐ $\frac{1}{8}$ = ☐ $\frac{7}{20}$ = ☐

$\frac{1}{4}$ = ☐ $\frac{3}{8}$ = ☐ $\frac{9}{20}$ = ☐

$\frac{3}{4}$ = ☐ $\frac{5}{8}$ = ☐ $\frac{11}{20}$ = ☐

$\frac{1}{5}$ = ☐ $\frac{7}{8}$ = ☐ $\frac{13}{20}$ = ☐

$\frac{2}{5}$ = ☐ $\frac{1}{10}$ = ☐ $\frac{17}{20}$ = ☐

$\frac{3}{5}$ = ☐ $\frac{3}{10}$ = ☐ $\frac{19}{20}$ = ☐

$\frac{4}{5}$ = ☐ $\frac{7}{10}$ = ☐

$\frac{9}{10}$ = ☐

2. Write the fractions in order from smallest to largest. Look at the percentages to help you order the fractions.

Fractions to Percentages **Answers**

Aim: To know and calculate the percentages equivalent to common fractions.

1. Write the equivalent percentage to each fraction. Round any decimal answers to one decimal place.

$\frac{1}{2}$ = **50%** $\frac{1}{6}$ = **16.7%** $\frac{1}{20}$ = **5%**

$\frac{1}{3}$ = **33%** $\frac{5}{6}$ = **83.3%** $\frac{3}{20}$ = **15%**

$\frac{2}{3}$ = **67%** $\frac{1}{8}$ = **12.5%** $\frac{7}{20}$ = **35%**

$\frac{1}{4}$ = **25%** $\frac{3}{8}$ = **37.5%** $\frac{9}{20}$ = **45%**

$\frac{3}{4}$ = **75%** $\frac{5}{8}$ = **62.5%** $\frac{11}{20}$ = **55%**

$\frac{1}{5}$ = **20%** $\frac{7}{8}$ = **87.5%** $\frac{13}{20}$ = **65%**

$\frac{2}{5}$ = **40%** $\frac{1}{10}$ = **10%** $\frac{17}{20}$ = **85%**

$\frac{3}{5}$ = **60%** $\frac{3}{10}$ = **30%** $\frac{19}{20}$ = **95%**

$\frac{4}{5}$ = **80%** $\frac{7}{10}$ = **70%**

$\frac{9}{10}$ = **90%**

Fractions to Percentages **Answers**

2. Write the fractions in order from smallest to largest. Look at the percentages to help you order the fractions.

$$\frac{1}{20}, \frac{1}{10}, \frac{1}{8}, \frac{3}{20}, \frac{1}{6}, \frac{1}{5}, \frac{1}{4}, \frac{3}{10}, \frac{1}{3}, \frac{7}{20}, \frac{3}{8}, \frac{2}{5}, \frac{9}{20}, \frac{1}{2},$$

$$\frac{11}{20}, \frac{3}{5}, \frac{5}{8}, \frac{13}{20}, \frac{2}{3}, \frac{7}{10}, \frac{3}{4}, \frac{4}{5}, \frac{5}{6}, \frac{17}{20}, \frac{7}{8}, \frac{9}{10}, \frac{19}{20}.$$