

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.

$$\frac{1}{2} = \square$$

$$\frac{1}{6} = \square$$

$$\frac{1}{20} = \square$$

$$\frac{1}{3} = \square$$

$$\frac{5}{6} = \square$$

$$\frac{3}{20} = \square$$

$$\frac{2}{3} = \square$$

$$\frac{1}{8} = \square$$

$$\frac{7}{20} = \square$$

$$\frac{1}{4} = \square$$

$$\frac{3}{8} = \square$$

$$\frac{9}{20} = \square$$

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

$$\frac{5}{8} = \square$$

$$\frac{11}{20} = \square$$

$$\frac{1}{5} = \square$$

$$\frac{7}{8} = \square$$

$$\frac{13}{20} = \square$$

$$\frac{2}{5} = \square$$

$$\frac{1}{10} = \square$$

$$\frac{17}{20} = \square$$

$$\frac{3}{5} = \square$$

$$\frac{3}{10} = \square$$

$$\frac{19}{20} = \square$$

$$\frac{4}{5} = \square$$

$$\frac{7}{10} = \square$$

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

- 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.

$$\frac{1}{2} = \boxed{50\%}$$

$$\frac{1}{6} = \boxed{16.7\%}$$

$$\frac{1}{20} = \boxed{5\%}$$

$$\frac{1}{3} = \boxed{33\%}$$

$$\frac{5}{6} = \boxed{83.3\%}$$

$$\frac{3}{20} = \boxed{15\%}$$

$$\frac{2}{3} = \boxed{67\%}$$

$$\frac{1}{8} = \boxed{12.5\%}$$

$$\frac{7}{20} = \boxed{35\%}$$

$$\frac{1}{4} = \boxed{25\%}$$

$$\frac{3}{8} = \boxed{37.5\%}$$

$$\frac{9}{20} = \boxed{45\%}$$

$$\frac{3}{4} = \boxed{75\%}$$

$$\frac{5}{8} = \boxed{62.5\%}$$

$$\frac{11}{20} = \boxed{55\%}$$

$$\frac{1}{5} = \boxed{20\%}$$

$$\frac{7}{8} = \boxed{87.5\%}$$

$$\frac{13}{20} = \boxed{65\%}$$

$$\frac{2}{5} = \boxed{40\%}$$

$$\frac{1}{10} = \boxed{10\%}$$

$$\frac{17}{20} = \boxed{85\%}$$

$$\frac{3}{5} = \boxed{60\%}$$

$$\frac{3}{10} = \boxed{30\%}$$

$$\frac{19}{20} = \boxed{95\%}$$

$$\frac{4}{5} = \boxed{80\%}$$

$$\frac{7}{10} = \boxed{70\%}$$

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

Fractions to Percentages **Answers**

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

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

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