

Fractions, Decimals, and Percents Pretest

Name _____

Part A

1. Write a fraction for each number.

$$7 = \quad 5 = \quad 12 =$$

2. Write a number for each fraction.

$$\frac{6}{6} = \quad \frac{3}{3} = \quad \frac{11}{11} =$$

3. Work the problems.

$$\frac{2}{5} \times \frac{3}{6} = \quad \frac{8}{7} - \frac{3}{7} =$$

$$\frac{5}{4} + \frac{9}{4} = \quad \frac{9}{3} - \frac{7}{3} =$$

4. Work the problems.

$$5 \times \frac{3}{8} = \quad 1\frac{2}{3} + \frac{2}{3} =$$

$$2\frac{3}{8} - \frac{7}{8} = \quad 2\frac{1}{3} \times 2 =$$

Part B

$$\begin{array}{r} 156 \\ - 17 \\ \hline \end{array} \quad \begin{array}{r} 74 \\ - 48 \\ \hline \end{array} \quad \begin{array}{r} 305 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 600 \\ - 198 \\ \hline \end{array} \quad \begin{array}{r} 682 \\ - 139 \\ \hline \end{array} \quad \begin{array}{r} 48 \\ + 135 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ \times 15 \\ \hline \end{array} \quad \begin{array}{r} 246 \\ \times 35 \\ \hline \end{array} \quad \begin{array}{r} 134 \\ \times 245 \\ \hline \end{array}$$

$$16 \overline{)3920}$$

$$27 \overline{)21681}$$

$$342 \overline{)22230}$$

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Part C

1. Work the problems.

$$5 - 1\frac{2}{7} =$$

$$2\frac{3}{4} + \frac{2}{5} =$$

$$\frac{3}{5} + \frac{7}{8} + \frac{2}{3} =$$

Reduce: $\frac{33}{24} =$

$$\frac{63}{28} =$$

2. Work the problems.

$$\frac{2}{3} \div 2\frac{1}{3} =$$

$$1\frac{3}{7} \div 2\frac{1}{4} =$$

$$3\frac{1}{2} \div 2 =$$

3. Work the problems.

$$\frac{7}{9} = \frac{21}{\quad}$$

$$\frac{2}{8} = \frac{\quad}{24}$$

$$\frac{3}{\quad} = \frac{4}{24}$$

$$\frac{5}{15} = \frac{7}{\quad}$$

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Part D

1. Write the decimal.

$$\frac{3}{10} = \underline{\hspace{2cm}} \quad \frac{7}{100} = \underline{\hspace{2cm}} \quad \frac{27}{1000} = \underline{\hspace{2cm}} \quad \frac{5}{1000} = \underline{\hspace{2cm}}$$

2. Write the fraction.

$$1.728 = \underline{\hspace{2cm}} \quad 254.08 = \underline{\hspace{2cm}}$$

$$9.007 = \underline{\hspace{2cm}} \quad 10.5 = \underline{\hspace{2cm}}$$

2. Work the problems.

$$3 - 1.09764 = \underline{\hspace{2cm}} \quad 2.67 \times 1.4 = \underline{\hspace{2cm}}$$

$$1.07 \times .009 = \underline{\hspace{2cm}} \quad 2 + 9.07 + 6.889 = \underline{\hspace{2cm}}$$

3. Work the problems.

$$.54 \overline{) .03294}$$

$$.052 \overline{) .1924}$$

$$.7 \overline{) 1.715}$$

4. Write the percent.

$$\frac{3}{4} = \underline{\hspace{2cm}} \%$$

$$3.145 = \underline{\hspace{2cm}} \%$$

$$5 = \underline{\hspace{2cm}} \%$$

Write the decimal.

$$167\frac{1}{2} \% = \underline{\hspace{2cm}}$$

$$27.7\% = \underline{\hspace{2cm}}$$

$$6\frac{1}{4} \% = \underline{\hspace{2cm}}$$