

Preparing for
5th Grade
Math Concepts
Review

Student Name _____

Properties of Addition/Subtraction

Add or subtract. Show your work.

1. $\$ 2.25$
 $+\underline{\$5.75}$

2. 568
 $\underline{- 29}$

3. 624
 $\underline{-302}$

4. $(0.092 + 0.008) - 0.1 =$

5. $2.41 + 3.6 =$

6. $247 + (47 + 53) =$

7. $3.72 - 1.97 =$

8. $12 + 194 + 88 =$

9. Brandon's lunch order totaled \$3.94. He gave the cashier \$10.00. How much money should he get back?

10. To get home from school, Kara walks 4 minutes to the bus, rides the bus for 28 minutes, and walks 6 minutes to her house. How long is her trip?

Multiplication

Solve each problem. Show your work.

$$\begin{array}{r} 1. \ 699 \\ \times \ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ 41 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \ 58 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \ 302 \\ \times \ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \ 37 \\ \times 62 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \ 96 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \ 4.14 \\ \times \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \ 96 \\ \times 99 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \ 75 \\ \times 1.8 \\ \hline \end{array}$$

10. Dan buys a book of 20 stamps. Each stamp costs \$0.40. How much does the book of stamps cost?

Division

Solve each problem.

1. $3\overline{)609}$

4. $2\overline{)2,630}$

2. $7\overline{)126}$

5. $6\overline{)3006}$

3. $5\overline{)726}$

Add Fraction and Mixed Numbers with Like Denominators

Add. Write your answer in simplest form.

1. $\frac{7}{10} + \frac{1}{10} =$

2. $\frac{7}{12} + \frac{5}{12} =$

3. $\frac{3}{8} + \frac{5}{8} =$

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

5.
$$\begin{array}{r} 8 \frac{3}{10} \\ + 2 \frac{1}{10} \\ \hline \end{array}$$

6.
$$\begin{array}{r} 7 \frac{5}{8} \\ - 2 \frac{3}{8} \\ \hline \end{array}$$

Subtract Fractions and Mixed Numbers with Like Denominators

Subtract. Write your answer in simplest form.

1. $\frac{5}{10} - \frac{3}{10} =$

2. $\frac{6}{8} - \frac{5}{8} =$

3. $\frac{10}{12} - \frac{7}{12} =$

4. $\frac{4}{5} - \frac{2}{5} =$

5.
$$\begin{array}{r} 5 \frac{9}{10} \\ - 4 \frac{7}{10} \\ \hline \end{array}$$

6.
$$\begin{array}{r} 7 \frac{5}{8} \\ - 3 \frac{1}{8} \\ \hline \end{array}$$

Add or Subtract Fractions with Unlike Denominators

Add or subtract. Write answer in simplest form.

1. $\frac{7}{12}$
 $\underline{-\frac{1}{6}}$

2. $\frac{9}{10}$
 $\underline{-\frac{2}{5}}$

3. $\frac{3}{4}$
 $\underline{+\frac{2}{8}}$

4. $\frac{5}{6} - \frac{1}{2} =$

5. $\frac{7}{10} - \frac{1}{2} =$

Customary Length

Complete.

1. 72 in. = _____ yd

2. 60 yd = _____ ft

3. 3 yd = _____ in.

4. 52 in. = _____ yd = _____ in.

Choose an appropriate unit to measure the length of each. Write *feet*, *inch*, *yard*, or *mile*.

1. Distance a football is thrown _____

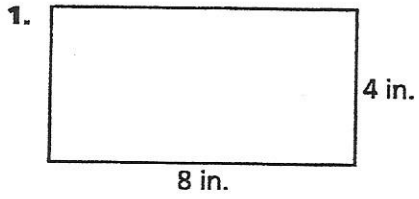
2. Length of a train ride _____

3. Height of your school _____

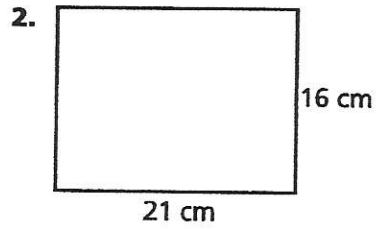
4. Width of your math book _____

Area

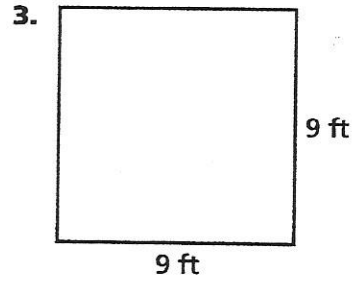
Find the area of each figure.



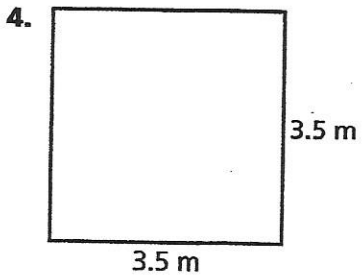
$A =$ _____



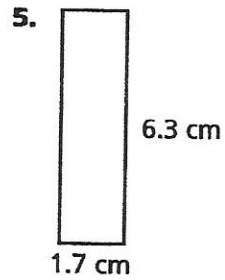
$A =$ _____



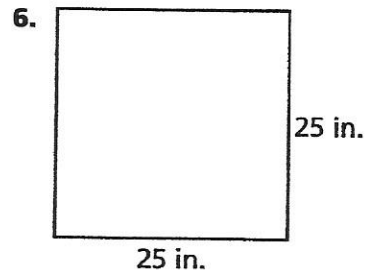
$A =$ _____



$A =$ _____




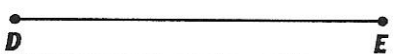

$A =$ _____



$A =$ _____





Basic Geometric Ideas

This table describes some basic geometric figures.

Figure	Example	Name Using Symbols
Point	• <i>A</i>	<i>A</i>
Line		\overleftrightarrow{BC} or \overleftrightarrow{CB}
Line segment		\overline{DE} or \overline{ED}
Ray		\overrightarrow{FG}

In the figures above, line segment DE has two endpoints, D and E .
Ray FG has one endpoint, F . Line BC has no endpoints.

Identify each figure. Then name it using symbols.

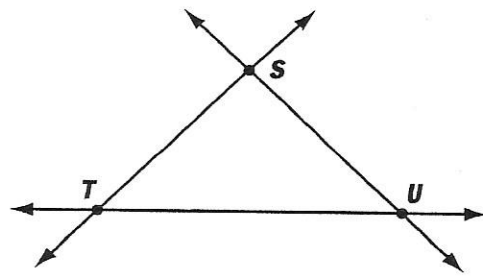
<p>1. </p> <p>_____</p> <p>_____</p>	<p>2. </p> <p>_____</p> <p>_____</p>	<p>3. </p> <p>_____</p> <p>_____</p>	<p>4. </p> <p>_____</p> <p>_____</p>
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Use data from the diagram for problems 5–10.

5. Name a line segment.

6. Name the endpoint(s), if any, of the line segment you named in problem 5.

8. Name the endpoint(s), if any, of the line you named in problem 7.



7. Name a line.

9. Name a ray with endpoint T .

10. Name two rays with endpoint S .

Fractions, Percents, and Decimals

Write decimal as a fraction.

1. 0.75

2. 0.2

3. 0.88

4. 0.03

5. 0.16

6. 0.99

7. 0.85

8. 0.4

Write each percent as a decimal.

1. 34%

2. 70%

3. 48%

4. 25%

5. 7%

6. 45%

7. 12%

8. 54%