

Name \_\_\_\_\_ Date \_\_\_\_\_

<p>Find the average of 123, 458, 789, and 634.</p>	$48 \overline{) \$27.36}$	$\$17.25 \times 33 =$	$6.04 \times .720 =$
<p>Circle the greatest measure:</p> <p>1600 ft. 450 yd. 1 mi. 23,480 in.</p>	<p>Circle the largest quantity:</p> <p>4 T 40,000 lb. 1,000,000 oz.</p>	<p>Circle the smallest measure:</p> <p>8000 in. 700 ft. 200 yd.</p>	<p>Circle the smallest measure:</p> <p>2 mi. 4000 yd. 78,000 ft.</p>
<p>How much greater than 10 is <math>18\frac{1}{8}</math>?</p>	<p>How much less than 18 is <math>10\frac{1}{8}</math>?</p>	<p>What number is <math>3\frac{4}{9}</math> greater than <math>6\frac{1}{3}</math>?</p>	<p>What number is <math>7\frac{3}{8}</math> greater than <math>4\frac{5}{12}</math>?</p>
<p>Complete the pattern:</p>			
<p>.1, .5, .9, 1.3, _____</p>	<p>1,000, 500, 250, 125, 62.5, _____</p>	<p>FREE</p>	<p>3.0, 2.2, 1.4, _____</p>
<p>Guess the “mystery” number:</p>			
<p>A number minus 5 is equal to 7. What is the number?</p>	<p>Three times a number is greater than 18. What’s the number?</p>	<p>A quantity split among 6 people gives each one 7 pieces. What’s the quantity?</p>	<p>The product of a number and 6 is less than 48. The mystery number can’t be higher than _____.</p>

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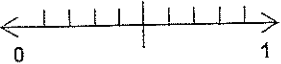

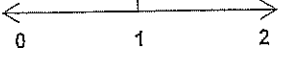

Write in exponential notation:

$536 =$ $(5 \times 10^2) + (3 \times \underline{\quad}) +$ $(6 \times \underline{\quad})$	$4,027 =$ $(\underline{\quad} \times 10^3) +$ $(2 \times \underline{\quad}) + (7 \times \underline{\quad})$	$68 =$ $(\underline{\quad} \times \underline{\quad}) +$ $(\underline{\quad} \times \underline{\quad})$	$129 =$
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Write the numeral for:

Forty-six thousand and twenty-two thousandths	Six and forty-two ten-thousandths	Eleven and eighteen hundredths	One hundred three and fourteen thousandths
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On the number line below, place the following values:

 $.6$	 $\frac{1}{2}$	 $1.5$	 $.5$
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$15 \div \frac{3}{5} =$	$\frac{3}{5} \div 15 =$	$17 - 10\frac{2}{7} =$	$17\frac{2}{7} - 10 =$
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What property is being used?

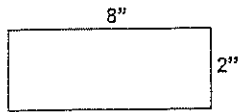
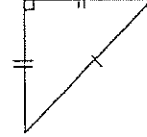
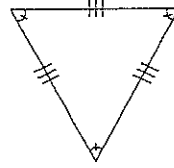
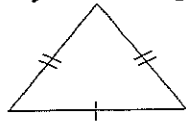
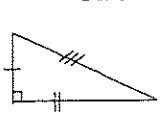
$* + @ = @ + *$	$\# + 0 = \#$	$(\text{♩} \times \text{♩}) \times \text{♩} = \text{♩} \times$ $(\text{♩} \times \text{♩})$	$a \times \frac{1}{a} = 1$
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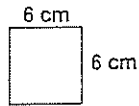
<p>Factors: 607 and 90 Product: _____</p>	<p>Divisor: .24 Quotient: .0096 Dividend: _____</p>	<p>Quotient: .08 Dividend: .000192 Divisor: _____</p>	<p>Addends: 32 and 129 Sum: _____</p>				
<p>Multiply the reciprocal of 4 by 8.16.</p>	<p>Divide 8 by <math>\frac{1}{8}</math>.</p>	<p><math>20 = \square \times 3\frac{1}{3}</math></p>	<p>Take the reciprocal of <math>\frac{1}{9}</math> from <math>10\frac{3}{5}</math>.</p>				
<p><math>18 \times \frac{4}{9} \times \frac{0}{3} =</math></p>	<p><math>\square - 4\frac{3}{10} = 7\frac{1}{8}</math></p>	<p><math>6\frac{4}{15} - \square = 2\frac{3}{5}</math></p>	<p><math>\frac{3}{8} \div 24 =</math></p>				
<p style="text-align: center;">Classify the following angles:</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="126 1318 245 1423"> </div> <div data-bbox="500 1297 641 1423"> </div> <div data-bbox="878 1325 992 1430"> </div> <div data-bbox="1224 1283 1365 1444"> </div> </div>							
<p style="text-align: center;">Use &gt;, &lt;, = to make true statements:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td data-bbox="40 1675 406 1822"> <p>400 quarters _____ \$200 4000 nickels _____ \$200</p> </td> <td data-bbox="406 1675 768 1906"> <p><math>.045</math> _____ <math>.04\frac{1}{2}</math> <math>\frac{4}{9}</math> _____ <math>\frac{5}{9}</math></p> </td> <td data-bbox="768 1675 1125 1864"> <p><math>.010</math> _____ <math>.0101</math> <math>.33</math> _____ <math>\frac{3}{10}</math></p> </td> <td data-bbox="1125 1675 1497 2053" style="text-align: center; vertical-align: middle;"> <p>FREE</p> </td> </tr> </table>				<p>400 quarters _____ \$200 4000 nickels _____ \$200</p>	<p><math>.045</math> _____ <math>.04\frac{1}{2}</math> <math>\frac{4}{9}</math> _____ <math>\frac{5}{9}</math></p>	<p><math>.010</math> _____ <math>.0101</math> <math>.33</math> _____ <math>\frac{3}{10}</math></p>	<p>FREE</p>
<p>400 quarters _____ \$200 4000 nickels _____ \$200</p>	<p><math>.045</math> _____ <math>.04\frac{1}{2}</math> <math>\frac{4}{9}</math> _____ <math>\frac{5}{9}</math></p>	<p><math>.010</math> _____ <math>.0101</math> <math>.33</math> _____ <math>\frac{3}{10}</math></p>	<p>FREE</p>				

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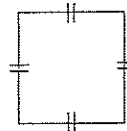
Classify these triangles by size of angle and length of sides. (HINT: Let markings help you.)



A = \_\_\_\_\_



P = \_\_\_\_\_



A = 100 sq. in.  
s = \_\_\_\_\_



P = 22" w = 3"  
l = \_\_\_\_\_

Take .02 from .7

79.4 exceeds 61.496 by what number?

How much greater than 7.66 is 9.83?

Find the difference between 10.4 and 7.985.

Rank from least to greatest:

.5, .059, 5.05, .505

$\frac{7}{10}, \frac{3}{4}, \frac{2}{3}, \frac{5}{6}$

$\frac{1}{25}, .3, \frac{19}{100}$

.6, .33, .4, .64

Time Zones:

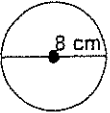
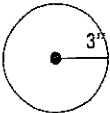
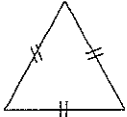
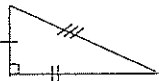
If it is 7:30 PM in CA (where you live) and your friend in NJ goes to bed at 9:00, is it too late to call her?

At 10:00 AM on the East Coast it is \_\_\_\_\_ in Montana.

Prime time TV starts at 9 PM in the eastern time zone. What time is that in Central time?

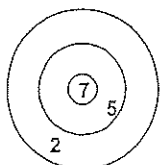
A 3 hr. flight from LA to Philadelphia begins at 8 AM Pacific time. By East Coast time when does it land?

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 <p><math>d = 8 \text{ cm}</math> <math>r = \underline{\hspace{2cm}}</math></p>	 <p><math>r = 3''</math> <math>C = \underline{\hspace{2cm}}</math></p>	 <p><math>s = 9.2 \text{ mm}</math> <math>P = \underline{\hspace{2cm}}</math></p>	 <p><math>b = 4''</math> <math>y = \frac{1}{2}''</math> <math>A = \underline{\hspace{2cm}}</math></p>
<p>50% of 400 =</p>	<p>150% of 400 =</p>	<p><math>33\frac{1}{3}\%</math> of <math>\frac{1}{8} =</math></p>	<p><math>16\frac{2}{3}\%</math> of 360 =</p>
<p>From the sum of 6.9 and 7.84 take 10.306.</p>	<p>From the reciprocal of <math>\frac{1}{9}</math> take .0264.</p>	<p>17.419 decreased by 6.0981 is what number?</p>	<p>From the product of 9.4 and .5 take 1.63.</p>
<p><math>.9 \times 1.8 - .026 =</math></p>	<p><math>6.42 + .987 - 2.4 =</math></p>	<p><math>(9.4 + 6.14 + 5.6) \times .2 =</math></p>	<p><math>21 \div 3 + 2 \times 4 - 1 =</math></p>

Use the dart board to answer the questions:

In this game you throw 3 darts each turn.



What's the highest score you can get in one turn?

What is the lowest score?

Is it possible to score 25?  
\_\_\_\_\_

Is it possible to score a prime number by the end of a round?  
\_\_\_\_\_

Name an even number that could be scored at the end of a round. \_\_\_\_\_

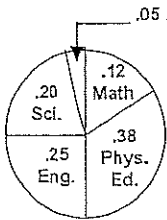
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Write as decimals:			
$\frac{7}{24} =$	$\frac{5}{16} =$	$\frac{7}{11} =$	$\frac{3}{22} =$
Change to percents:		Change to decimals:	
.06 =	.7 =	87% =	$33\frac{1}{3}\% =$
1.18 =	.005 =	205% =	$12\frac{1}{2}\% =$
What percent:			
of 180 is 90?	of 90 is 180?	of 200 is 600?	of 80 is 50?
$7.09 \times 6.04 =$	$.3 + .44 + .555 =$	$24.4892 \div .12 =$	$41.1 = \square + 31.468$
Tell what the pattern is and give the next number:			
2, 5, 15, 18, _____	14, 32, 54, 80, _____	7, 4, 12, 9, 27, _____	198, 193, 186, 177 _____

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160 is what percent of 640?	80 is what percent of 400?	20 is what percent of 25?	72 is what percent of 576?
$\frac{1}{2}$ % of 400 =	$\frac{1}{4}$ % of 10,000 =	$\frac{1}{3}$ % of 150 =	$\frac{1}{7}$ % of 560 =
Write each percent as a fraction in simplest form:			
80% =	5% =	45% =	54% =
FREE	$\frac{12}{16} = \frac{x}{12}$	$\frac{5}{x} = \frac{125}{100}$	$\frac{4}{5} = \frac{80}{x}$
Use >, <, = to make true statements:			
MMCM ____ MDC XLVI ____ LXVI	$\frac{2}{3}$ ____ .7 6.2 ____ $\frac{48}{7}$	$0 \div 6$ ____ $\frac{0}{7}$ $0 \times 7$ ____ $0 \times 8$	$2 \times \frac{1}{4}$ ____ $2 \div \frac{1}{4}$ $\frac{1}{4} \times 2$ ____ $\frac{1}{4} \div 2$

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<p><math>83\frac{1}{3}\%</math> of what number is 30?</p>	<p>660% of what number is 11?</p>	<p>90% of what number is 450?</p>	<p>60% of what number is 480?</p>
<p>What is the range of the following set of numbers? 16, 42, 42, 101, 9</p>	<p>What is the mode of yesterday's problem?</p>	<p>Find the mean of the data in block 1.</p>	<p>What is the median of the data in block 1?</p>
<p>Marked price: \$15.00 % of discount: 10% Discount: _____</p>	<p>Price: \$25.00 % of discount: 15% Discount: _____ Cost: _____</p>	<p>Discount: \$20.00 Price: \$80.00 % of discount: _____</p>	<p>Discount: \$10.00 % of discount: 40% Marked price: _____</p>
<p>Which metric unit would be used to measure:</p>			
<p>a paper clip?</p>	<p>a bottle of Gatorade?</p>	<p>a puppy?</p>	<p>a Flintstone vitamin?</p>
<p>Use the circle graph to answer the questions:</p>			
<p>Students' favorite subjects</p>  <p>What subject is most popular?</p>	<p>What subject received <math>\frac{1}{4}</math> of the votes?</p>	<p>Which subject received under 10% of the votes?</p>	<p>Which 2 subjects together received half of the votes?</p>




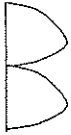


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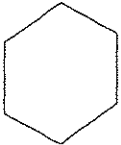
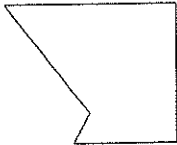

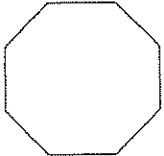
Write as decimal and percent:

$\frac{1}{11}$	$\frac{1}{25}$	$\frac{3}{8}$	$\frac{1}{7}$
$287\frac{1}{2}\%$ of 160 =	250% of 250 =	$62\frac{1}{2}\%$ of 160 =	4.5% of 180 =

Draw a line of symmetry in each figure:

			
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Name each polygon:

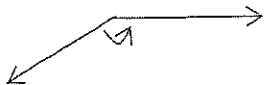
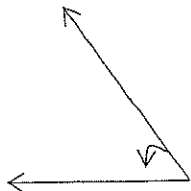
			
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Use >, <, = to make true statements:

$6 \times 6$ _____ $6 \div \frac{1}{6}$	$7\frac{8}{3}$ _____ 9	3 mi _____ 5,000 yd.	$\frac{2}{3}$ _____ $66\frac{2}{3}\%$
$7 \times 0$ _____ $7 \times \frac{1}{2}$	$3\frac{4}{5}$ _____ $2\frac{7}{5}$	3,000 in. _____ 50 yd.	$9 \div 4$ _____ $9 \div 5$

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Estimate the number of degrees in each angle:



Name each figure described:

Quadrilateral with 4 equal sides and 4 right angles

Quadrilateral with 2 pairs of equal and parallel sides and 4 right angles

3 sided figure with one right angle

A set of points that is the same distance from an inner point called the center

What percent of 60 is 300?

What percent of  $\frac{1}{4}$  is  $\frac{7}{8}$ ?

What percent of  $\frac{5}{6}$  is  $\frac{1}{3}$ ?

What percent of  $1\frac{2}{3}$  is  $\frac{3}{5}$ ?

$$\begin{array}{r} 3827 \\ + 5\boxed{9}\boxed{9} \\ \hline 9425 \end{array}$$

$$\begin{array}{r} 4061 \\ + 9\boxed{\phantom{0}}\boxed{\phantom{0}} \\ \hline 5010 \end{array}$$

$$\begin{array}{r} 2\boxed{\phantom{0}}84 \\ + 3\boxed{\phantom{0}}5 \\ \hline 2739 \end{array}$$

$$\begin{array}{r} 3062 \\ + 8\boxed{\phantom{0}}\boxed{\phantom{0}} \\ \hline 3921 \end{array}$$

Use  $>$ ,  $<$ ,  $=$  to make true statements:

100% of 3 \_\_\_\_\_  
3% of 100

80% of 12 \_\_\_\_\_  
12% of 80

1.2 \_\_\_\_\_ 1.1989

$.3 \times .3$  \_\_\_\_\_  $.9$

$.9$  \_\_\_\_\_  $.99$

$\frac{4}{5}$ % of 20 \_\_\_\_\_

20% of  $\frac{4}{5}$

*Congratulations on a job well done! Good luck next year and God bless you.*