

Name: Key

"The harder you work, the better you get."

Mrs. Baldwin's Grade 6 Math Throw Back—Summer Review

$84 \div 2 =$	$76 \div 2 =$	$35 \div 2 =$	$93 \div 2 =$	$68 \div 4 =$	$42 \div 4 =$	$17 \div 4 =$	$10 \div 8 =$	$84 \div 8 =$	$98 \div 8 =$
42	38	17.5	46.5	17	10.5	4.25	1.25	10.5	12.25
$42 \times 2 =$	$31 \times 2 =$	$24 \times 4 =$	$35 \times 4 =$	$15 \times 8 =$	$22 \times 8 =$	$43 \times 10 =$	$26 \times 100 =$	$22 \times 5 =$	$42 \times 5 =$
84	62	96	140	120	176	430	2600	110	210
$840 \div 10 =$	$76 \div 10 =$	$46 \div 100 =$	50% of 80	50% of 52	10% of 40	10% of 75	25% of 80	25% of 20	100% of 22
84	7.6	0.46	40	26	4	7.5	20	5	22
Round 234.2 to the nearest ten	Round 431.56 to the nearest whole number	Round 76.234 to the nearest hundredth	Round 29.973 to the nearest tenth	Estimate 22.3×38.4	Estimate 48.3×51.8	Estimate $321.34 + 92.76$	Estimate $28.8 \div 5.3$	Estimate $411.5 - 287.6$	The digital root of 5364
230	432	76.23	30	800	2500	410	6	120	9
Order L to G $\underline{1}$ 0.0005, $\underline{2}$ 0.0011, $\underline{3}$ 0.0015	Put in descending order $\underline{1}$ 0.0082, $\underline{2}$ 0.003, $\underline{3}$ 0.0001	Put in ascending order $\underline{3}$ 0.0245, $\underline{2}$ 0.005, $\underline{1}$ 0.0009	List the factors of 24	List the factors of 26	List the factors of 63	List the factors of 72	List the factors of 36	What is the LCM of 3, 4, and 9	What is the LCM of 2, 4, and 7
$\underline{1}$ = 50%	$\underline{1}$ = 25%	$\underline{3}$ = 75%	$\underline{3}$ = 30%	$\underline{9}$ = 90%	$\underline{4}$ = 60%	$\underline{2}$ = 10%	$\underline{10}$ = 40%	$\underline{8}$ = 32%	$\underline{11}$ = 55%
			1, 2, 3, 4, 6, 8, 12, 24	1, 2, 13, 26	1, 3, 7, 21, 63	1, 2, 3, 4, 6, 8, 9, 12, 18, 36	1, 2, 3, 4, 6, 9, 12, 18, 36	36	28

$\frac{1}{2} = 2 = \text{half}$

$\frac{1}{4} = 4 = \text{off}$

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

$\frac{1}{8} = 8 = \text{double}$

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

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

X2 = double

X4 = double

double

double

double

double

double

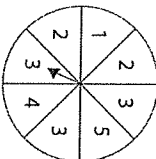
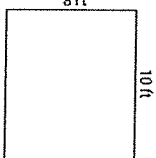
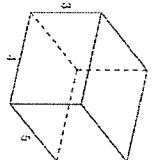
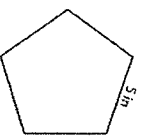
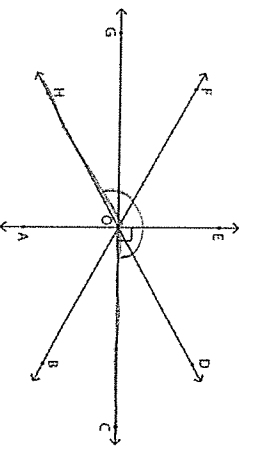
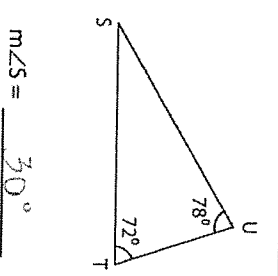
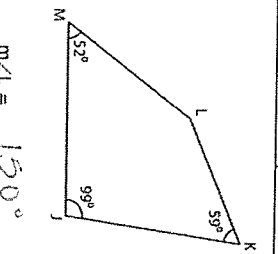
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0.54 as a percent 54%	0.23 as a percent 23%	0.045 as a percent 4.5%	0.15 as a fraction in lowest terms $\frac{3}{20}$	0.35 as a fraction in lowest terms $\frac{7}{20}$	$\frac{82}{100}$ as a decimal 0.82	$\frac{2}{10}$ as a decimal 0.2	$\frac{3}{5}$ as a decimal 0.6	42% as a decimal 0.42	72% as a fraction in lowest terms $\frac{18}{25}$
$\frac{8}{10}$ in lowest terms $\frac{4}{5}$	$\frac{12}{16}$ in lowest terms $\frac{3}{4}$	$\frac{9}{12}$ in lowest terms $\frac{3}{4}$	$\frac{14}{21}$ in lowest terms $\frac{2}{3}$	$\frac{8}{3}$ as a mixed # $2\frac{2}{3}$	$\frac{12}{5}$ as a mixed # $2\frac{2}{5}$	$\frac{22}{4}$ as a mixed # $5\frac{1}{2}$	$\frac{2}{3}$ as an Improper Fraction $\frac{8}{3}$	$\frac{1}{2}$ as an Improper Fraction $\frac{7}{2}$	$\frac{4}{5}$ as an Improper Fraction $\frac{23}{5}$
Write a # that is $> 2\frac{1}{2}$ and $< \frac{14}{4}$ $2\frac{1}{2} \rightarrow 3\frac{1}{2}$	Write a # that is $> 4\frac{1}{4}$ and $< \frac{29}{6}$ $4\frac{1}{4} \rightarrow 4\frac{5}{6}$	Write a # that is $> 3\frac{1}{5}$ and $< \frac{19}{5}$ $3\frac{1}{5} \rightarrow 3\frac{4}{5}$	Put in ascending order $\frac{6}{5}, \frac{4}{5}, \frac{9}{5}, \frac{1}{4}, \frac{5}{8}$ $\frac{1}{4}, \frac{5}{8}, \frac{1}{5}, \frac{9}{5}, \frac{6}{5}$	Put in ascending order $\frac{3}{3}, \frac{16}{5}, \frac{2}{5}, \frac{1}{5}, \frac{13}{5}$ $\frac{2}{5}, \frac{16}{5}, \frac{1}{5}, \frac{13}{5}, \frac{3}{3}$	T-shirts are on sale for \$7.50 each. How much will 5 T-shirts cost? \$37.50				
An equivalent ratio for 5:3 10:6	Write the ratio 12:4 in lowest terms 3:1	Ratio of stars to hearts ★ ★ ★ ★ ★ ★ 2:3	Ratio of stars to total shapes ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ 3:7	6 x 9 = 54	8 x 9 = 72	7 x 9 = 63	6 x 8 = 48	6 x 7 = 42	7 x 8 = 56
Find the quotient of: 25.2 ÷ 6 $\frac{4.2}{0.252 \div 6}$ 4.2	Find the quotient of: 58.1 ÷ 7 $\frac{8.3}{7 \overline{)58.1}}$ 8.3	Find the quotient of: 63.2 ÷ 8 $\frac{7.9}{8 \overline{)63.2}}$ 7.9	Find the product of: 32.3 x 9 $\frac{290.7}{32.3 \times 9}$ 290.7	Find the product of: 2.67 x 28 $\frac{74.76}{2.67 \times 28}$ 74.76					

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$3 + 4 \times 2 =$ $3 + 8$ 11	$6 + 5 \times 4 - 4 =$ $6 + 20 - 4$ $26 - 4$ 22	$4 + (4 + 2 \times 4) \div 2 =$ $4 + (4 + 8) \div 2$ $4 + 12 \div 2$ $4 + 6$ 10	$12 + (10 + 72 \div 8) - 3 =$ $12 + (10 + 9) - 3$ $12 + 19 - 3$ $31 - 3$ 28	Tom paid \$73.80 for 6 volleyball. How much did he pay for one volleyball? $4 \ 12 \ 30$																												
5 degrees warmer than -10°C -5°C	8 degrees colder than 2°C -6°C	Order the integers from L-G $-6, 3, 16, -12$ $-12, 6, 3, 16$	You start on -9 and move 12 to the right. What number are you on? $+3$	$3x = 9$ $x + 8 = 15$ $x = 7$ $x - 5 = 15$ $x = 20$ $\frac{x}{2} = 10$ <table border="1" data-bbox="885 1417 1169 1564"> <tr><td>x</td><td>4x-1</td></tr> <tr><td>1</td><td>3</td></tr> <tr><td>2</td><td>7</td></tr> <tr><td>3</td><td>11</td></tr> <tr><td>4</td><td>15</td></tr> <tr><td>5</td><td>19</td></tr> <tr><td>6</td><td>23</td></tr> </table> <table border="1" data-bbox="885 1596 1169 1743"> <tr><td>x</td><td>y</td></tr> <tr><td>0</td><td>3</td></tr> <tr><td>1</td><td>6</td></tr> <tr><td>2</td><td>9</td></tr> <tr><td>3</td><td>12</td></tr> <tr><td>4</td><td>15</td></tr> <tr><td>5</td><td>18</td></tr> </table> A triangle with 2 equal sides is called a <u>Isosceles</u> triangle. Equation = $300 \div 4$	x	4x-1	1	3	2	7	3	11	4	15	5	19	6	23	x	y	0	3	1	6	2	9	3	12	4	15	5	18
x	4x-1																															
1	3																															
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5	18																															
Riley gets paid \$12/h to cut grass plus \$10 for watering the flowers. Write an expression that represents this relationship. $12h + 10$			$P(3) = \frac{3}{8}$	$3x = 9$ $x + 8 = 15$ $x = 7$ $x - 5 = 15$ $x = 20$	 $\text{Area} = \frac{80 \text{ ft}^2}{A = l \times w}$  $\text{Volume} = \frac{60}{V = l \times w \times h}$  $\text{Perimeter} = \frac{25 \text{ in}}{P = 5s}$																											
Identify a: Right angle: $\angle G O E$ Obtuse angle: $\angle G O D$ Acute angle: $\angle G O F$ Trace a reflex angle		  $m\angle S = \frac{30^{\circ}}$  $m\angle L = \frac{150^{\circ}}$																														

Will vary - example (greater than 180°)

What makes this a polygon?
 - closed
 - straight sides
 - 2D

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	<p>Plot the following points on the coordinate plane to the left:</p> <p>A (2,2) B (4, 2) C (2, 6) D (4, 6) E (0, 7) F (9, 0)</p>	<p>Reflect Point E over the line of reflection on the coordinate plane and label as E'</p>	<p>Translate the shape GHJI two units right and three units down. Label the new shape G'H'I'J'</p> <p>Describe the transformation above: <i>90° clockwise rotation</i></p> <p>Draw a 180° rotation of the original shape and then translate it two units down and three units right.</p>
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A pop star's new album has just been released. The number of fan followers from a leading social networking site for the first ten days are recorded in the table below. Use the data to create a line graph.

Day	Number of Fans
1	300
2	500
3	550
4	800
5	600
6	700
7	850
8	600
9	450
10	300

