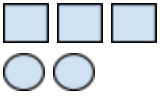
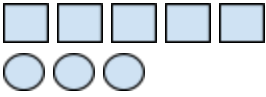
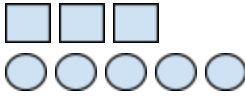


Name _____

Rising 7th Grade Summer Math

Directions: Complete the following math problems by Friday, August 25. Please complete work on scratch paper.

Example: Ratios Write a ratio for squares to circles.  3 to 2; 3:2; $\frac{3}{2}$	Write a ratio for squares to circles. 	Write a ratio for squares to circles. 	Write a ratio for squares to circles. 
Example: Multiplication of numbers with decimals. $\begin{array}{r} 4.23 \\ \times 5.1 \\ \hline 423 \\ + 21150 \\ \hline 21.573 \end{array}$	$\begin{array}{r} 12.3 \\ \times 73 \\ \hline \end{array}$	$\begin{array}{r} 2.73 \\ \times 1.5 \\ \hline \end{array}$	$\begin{array}{r} 2.89 \\ \times 15 \\ \hline \end{array}$
Example: Write and evaluate a variable expression. The sum of 2 and 10 $2 + 10 = 12$	$5(t + 4)$	$2(x + 3)$	$12(5 + y)$
Example: Integer Rules $-5 + 2 = -3$ $-3 - 5 = -8$ $4 - 10 = -6$	$-7 + 4 =$ $-3 - 7 =$ $5 - 12 =$	$-6 + 2 =$ $-2 - 6 =$ $4 - 7 =$	$-15 + 2 =$ $-13 - 6 =$ $4 - 1 =$
Example: Complete. 4 yards = <u>12</u> feet 7 feet = <u>84</u> inches	Complete. 3 yards = _____ feet 5 feet = _____ inches	Complete. 10 yards = _____ feet 6 feet = _____ inches	Complete. 10 yards = _____ feet 4 feet = _____ inches
Example: Round to the value of the underlined digit. <u>3</u>47,456= <u>35,000</u> 923,7<u>1</u>8= <u>923,720</u>	Round to the value of the underlined digit. <u>3</u>42,456= _____ 923,7<u>2</u>8= _____	Round to the value of the underlined digit. <u>3</u>5,999= _____ 923,<u>1</u>23= _____	Round to the value of the underlined digit. <u>3</u>4,456= _____ 9,7<u>1</u>8= _____
Example: Round to the value of the underlined digit. 36.<u>4</u>5= <u>36.5</u> 6<u>7</u>.06= <u>67</u>	Round to the value of the underlined digit. 38.<u>4</u>2= _____ 6<u>4</u>.95= _____	Round to the value of the underlined digit. 362.<u>4</u>1= _____ 6<u>7</u>8.06= _____	Round to the value of the underlined digit. 365.<u>1</u>45= _____ 62<u>7</u>.056= _____