

M7+ - Spiral Review #7:
 Due: _____ Dec 2nd _____

Name _____

TI: Underline/Highlight Terms and Information
 P: Problem is worked out
 S: Solution is in a complete sentence

	Make sure to follow the <u>TIPS</u> to solve the word problems:	Computation: Show all your work & circle your answer
D A Y 1	Which expression is NOT equivalent to $8p+6$. a. $2(4p+3)$ b. $2(4p-1)+10$ c. $-12p+30+20p-24$ d. $2p+4+5p+2+p$	Evaluate. Write in simplest form if $f=-2$ and $g=3$ $4(-5f+8+6g-1)$
D A Y 2	Karla, an editor for "The Legacy" newspaper, edits $\frac{1}{5}$ of a page in 3 minutes. How long would it take Karla to edit 3 pages? a. 9 minutes b. 15 minutes c. 45 minutes d. 60 minutes	Find the solution set: $4(p-3) - 12p \geq 36$
D A Y 3	Doris wants to hang a mirror that is $14\frac{3}{4}$ inches wide in the center of a wall that is 25 inches wide. How much space should be left on each side of the mirror? a. $5\frac{1}{8}$ inches b. $5\frac{3}{8}$ inches c. $10\frac{3}{4}$ inches d. $11\frac{1}{4}$ inches	Simplify: $-12m+4+21m-40$

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<p>D A Y 4</p>	<p>Refer to the graph to the right for Day 4 & 5 questions.</p> <p>What are the coordinates of point D after the figure is reflected over the x-axis?</p> <ol style="list-style-type: none"> $(-3, -3)$ $(3, 3)$ $(3, -3)$ $(-3, 3)$ <p>If the measure of angle $BCD = 45^\circ$, what is the measure of angle $B'C'D'$?</p> <ol style="list-style-type: none"> 90° 35° 45° 55° 	
<p>D A Y 5</p>	<p>What transformation would result in $A'(0, 0)$?</p> <ol style="list-style-type: none"> a translation of down 2, right 4 a translation of up 4, right 2 a reflection over the y-axis a rotation about the origin of 180° 	<p>What are the coordinates of point A after the figure is rotated 180 degrees counterclockwise about the origin?</p>