

Make sure to show all work on a separate sheet of paper. Full credit will only be given if work is turned in with all answers.

Monday	Tuesday	Wednesday	Thursday
<p>1. One square yard of the football field has 2.3×10^6 blades of grass. The football field has a total area of 1.2×10^{12} square yards. How many blades of grass are there on the football field? Express in scientific notation.</p>	<p>1. Circle all vocabulary words that applies to -9</p> <p>a. rational b. irrational c. integer d. Whole e. natural</p>	<p>1. Ms. Skipper needs to fence in her yard for her dog. The length of her yard is 12 feet less than the width. The perimeter of her yard is 64 ft. What are the dimensions of her yard?</p>	<p>1. Find the slope of a line with the ordered pairs (-4,8)(-2,4)</p>
<p>2. Simplify in exponential form, do not leave negative integers.</p> $(2^3)^{-4}$	<p>2. Determine whether each equation is linear or non-linear.</p> <p>a. $y = x^2 + 4$ b. $y = 5x + 2$ c. $2x + 5y = 10$ d. $y = 5^x$</p>	<p>2. A line passes through the points (2,-6) and (-5, 8). Determine the equation of this line.</p>	<p>2. Determine which ordered pair (s) is a part of the line $y = 2x + 4$</p> <p>a) (0,-4) b) (-2,0) c) (-4,-4) d) (6, 1)</p>
<p>3. Ms. Kulling has a square patio that has an area of 25 ft². What is the perimeter of her patio?</p>	<p>3. Solve for x:</p> $X^2 + 32 = 288$	<p>3. Solve for x:</p> $\frac{2x+6}{12} = \frac{-1}{6}$	<p>3. Write in scientific notation</p> <p>0.00046</p>
<p>4. Solve the system using substitution. $Y = 1/3x + 3$ $2x + y = 25$</p>	<p>4. Solve the system using substitution method $4x - 5y = -7$ $Y = 5x$</p>	<p>4. Solve the system using substitution method. $X = 2y - 3$ $X = 2y + 4$</p>	<p>4. Simplify (do not leave a negative exponent)</p> $4^{-3} \cdot 4^{-2}$