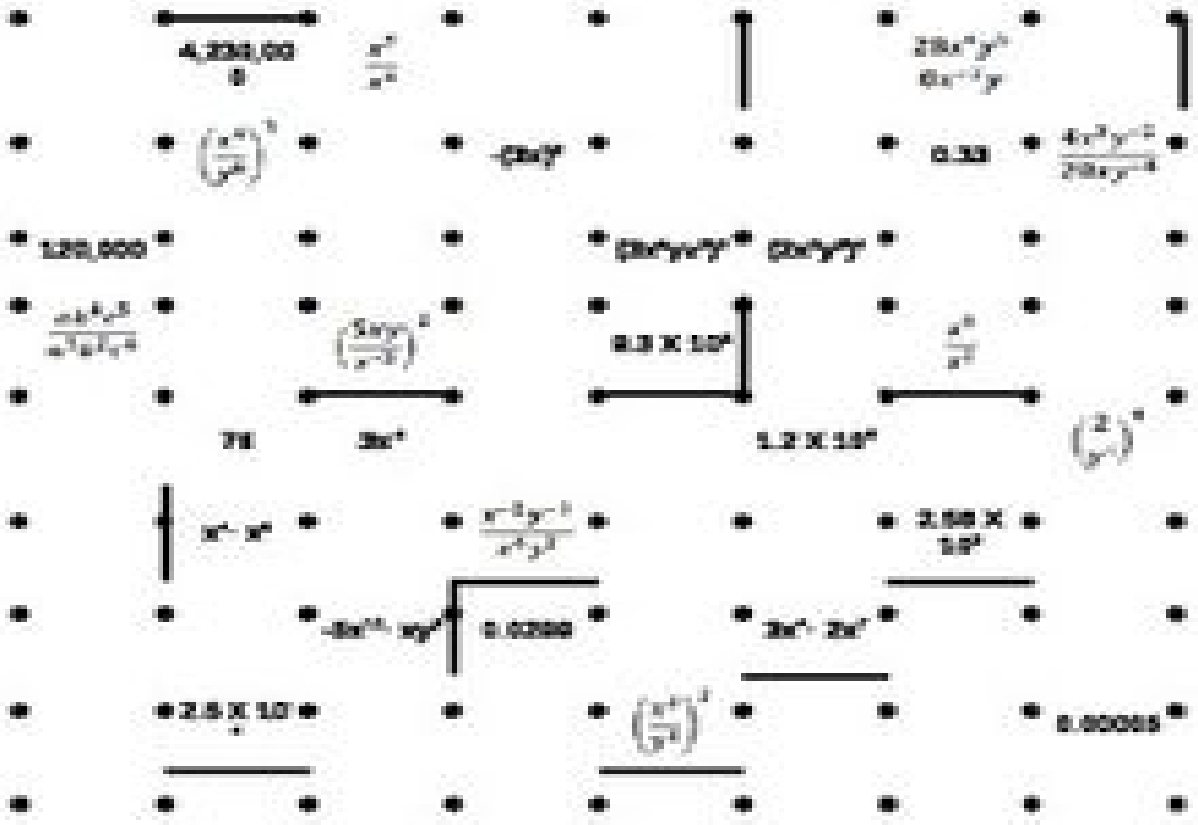
ALGEBRA 15 B2 NAME

DOT GAME REVIEW (EXPONENTS) DATE _____

Each turn you will connect dots either horizontally (–) or vertically (|). If your segment completes the box, you earn one (1) point and get to go again. If your square has a problem in it, you will earn five (5) points if you solve it correctly. Write your answer in the blank grid provided.

For numbers, write them in scientific notation. If in scientific notation, write the number. All others, simplify and write answer using only positive exponents.



	4,230,000	$\frac{x^7}{x^4}$				$\frac{28x^4y^5}{6x^{-1}y}$		
	$\left(\frac{x^4}{y^6}\right)^5$		$-(3x)^2$			0.33	$\frac{4x^3y^{-2}}{28xy^{-4}}$	
120,000				$(3x^4yx^2)^2$	$(2x^4y^2)^2$			
$\frac{ab^6c^5}{a^3b^2c^4}$		$\left(\frac{5xy}{x^{-3}}\right)^2$		9.3×10^6		$\frac{x^6}{x^2}$		
	76	$3x^4$			1.2×10^6		$\left(\frac{2}{y^4}\right)^4$	
	$x^4 - x^6$		$\frac{x^{-2}y^{-1}}{x^4y^2}$			2.58×10^2		
		$-8x^{10} - xy^4$	0.0200		$3x^4 - 2x^7$			
	2.5×10^{-4}			$\left(\frac{x^4}{y^6}\right)^2$			0.00005	