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Name

MONDAY		
Graph the equation: y = 2x - 3	Graph the equation: $y = \frac{1}{2}x + 4$	
Simplify the radicals without a calculator. $\sqrt{162}$	Simplify the radicals without a calculator. $-2\sqrt{18}$	
$\sqrt{725}$	$5\sqrt{125}$	
Simplify the radicals without a calculator. $\sqrt{36x^2}$	Convert 15 miles per hour to feet per second.	
$\sqrt{x^2y^2z^2}$		

TUESDAY		
Review: Simplify using exponent rules $\frac{x^5 \cdot x^3}{x^2}$	Review: Simplify using exponent rules $2^{-3} \cdot 2^x \cdot 2^{x+2}$	
Review: Distribute to simplify the following: 3x(2x + 6)	Simplify: $\sqrt{188x^7y^8}$	
Simplify the following: $\sqrt{280x^2}$	Simplify $\sqrt{14} \cdot \sqrt{7}$	
Simplify the following: $2\sqrt{80x^3}$	Simplify: $\sqrt{18} \cdot \sqrt{2a^2}$	

Name ______

WEDNESDAY	
Simplify the following:	Simplify.
$7\sqrt{3}\cdot\sqrt{5}$	$\sqrt{3x} \cdot \sqrt{6x^2}$
Simplify the following:	What is the AREA of the rectangle:
$-\sqrt{8} \cdot 3\sqrt{10}$	$2\sqrt{5} cm$ $5\sqrt{5} cm$
What is the perimeter of the rectangle: $2\sqrt{5} \ cm$ $5\sqrt{5} \ cm$	Simplify $\sqrt{14} - 6\sqrt{14}$
Simplify the following:	Simplify
$5\sqrt{6} + \sqrt{24}$	$2\sqrt{12} - 8\sqrt{3}$

THURSDAY		
Simplify	Simplify the following:	
$-3\sqrt{2} + 5\sqrt{3} - 2\sqrt{2} + 8\sqrt{3}$	$-4\sqrt{3} + \sqrt{18}$	
Simplify	Simplify	
$9\sqrt{3}-\sqrt{12}$	$\sqrt{\frac{8x^7}{2x^4}}$	
Simplify	Simplify.	
$\sqrt{\frac{7x}{63x}}$	$\sqrt{\frac{24x}{x^9}}$	
Rationalize the denominator:	Use the distributive property to simplify the following:	
$\sqrt{\frac{5}{7}} \frac{6}{\sqrt{5}} \frac{2}{\sqrt{2}}$	$\sqrt{5} \cdot (4\sqrt{5} + \sqrt{2})$	