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Name

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MONDAY		
Perform the indicated operation.	Multiply. $(x = 3) (4x + 2)$	
(2x - 3)(x - 5)	(x - 3)(4x + 2)	
	(x-8)(x+8)	
A plumber charges a flat fee for each job, plus an hourly rate for the number of hours the job takes to complete. The total cost of the job, in dollars can be modeled by the equation: y = 50 + 65x.	Find two consecutive integers whose sum is 35.	
a. What does the coefficient in the expression represent in this situation?		
	Find three consecutive integers whose sum is 33.	
b. What does the constant term in the expression represent?		
Find three consecutive integers whose sum is 48.	Find two consecutive even integers such that the sum of the larger and twice the smaller is 62.	

TUESDAY	
Grant is riding his bicycle at a constant speed from school to the library. His distance in miles x hours after leaving school can be modeled by the equation: y=20-12x. What do x, y, 20 and 12 each represent in the equation? Be sure	Write an equation and solve. A hog weighs twice as much as a sheep. Together they weigh 285 pounds. How much does each weigh?
to specify units.	
	Sara has at most \$30 to spend at the on flowers. Impatiens cost \$2 each and coneflowers cost \$3 each. If Sara buys 8 impatiens, how many coneflowers can she afford? Write an inequality first, then solve.
Find three consecutive odd integers such that the sum of the smallest and 4 times the largest is 61.	
Find three consecutive odd integers whose sum is 369.	Multiply $(2x - 9)(3x + 5)$

Name

WEDNESDAY	
Solve $m = \frac{h-w}{8}$ for the variable <i>h</i> .	Solve for m. $k = \frac{mv^2}{2}$
Solve and graph. $5x + 2 \ge 37 \text{ or } -7 - x > -2$ $\leftarrow + + + + + + + \rightarrow$	$(x+8)^2$
Find three consecutive even integers such that the sum of the smallest and the largest is 36	Find two consecutive odd integers whose sum is 128.
Multiply $(5x-1)^2$	Solve for a. $d = \frac{n}{2}(a+1)$

THURSDAY	
Solve for S:	Solve the equation.
$n = \frac{5+360}{180}$	-4 = -17 + x
Solve for r:	Solve the equation.
$S = 2\pi r^2 + \pi dh$	$\frac{1}{2}(8-6x) = 10$
Solve for h:	Solve the equation.
$V = \frac{1}{3}\pi r^2 h$	$13 = \frac{x}{4}$
	4
Solve for a.	Solve the equation.
$x = b^2 - 4ac$	$-7 = -1 + \frac{x}{3}$