Name: _____ Date: _____ Block: _____

<div align="center">Algebra 1- Week 8 Homework</div>

Monday- (Algebra Nation: Section 2: Equations and Inequalities, Topic 8: Rearranging Formulas)

1. Solve the equation below for v. $d = 5v + m$

2. Shoe sizes and foot length are related by the formula S = 3F - 24, where S represents the shoe size and F represents the length of the foot, in inches. Solve the formula for F.
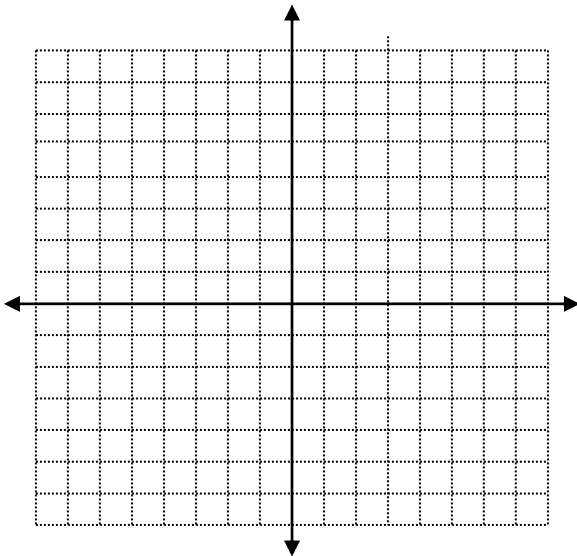
Tuesday- Test review! Study for test!!! Topics on test:
1. The language of algebra- Writing algebraic expressions
2. Combining like terms- (ex: 3x + 4x = 7x)
3. One-step equations- addition, subtraction, multiplication, and division
4. Two-step equations
5. Distributive property (ex: 4(2x − 3) = 4(2x) + 4(-3) = 8x - 12
6. Multi-Step Equations(distributive property, combining like terms on same side, inverse operations (add and subtract first, then multiply and divide)
7. Literal Equations (solving for a given variable)

Wednesday- Test day! No homework!

Thursday-
1. Graph the line: $y = \frac{3}{5}x + 7.$

2. Determine if the point (5, 25) is on the line $y = 3x + 10.$

Friday-
1. Write the equation of a line that has a slope of 4, and passes through the point (10, 21)

2. Write the equation of a line that passes through the points (6, 3) and (8, 9)

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