

Station 1: Solving Exponential Equations

$$(a) \quad 5^{-2x} = 125$$

$$(b) \quad \left(\frac{1}{2}\right)^{-3x+1} = 64$$

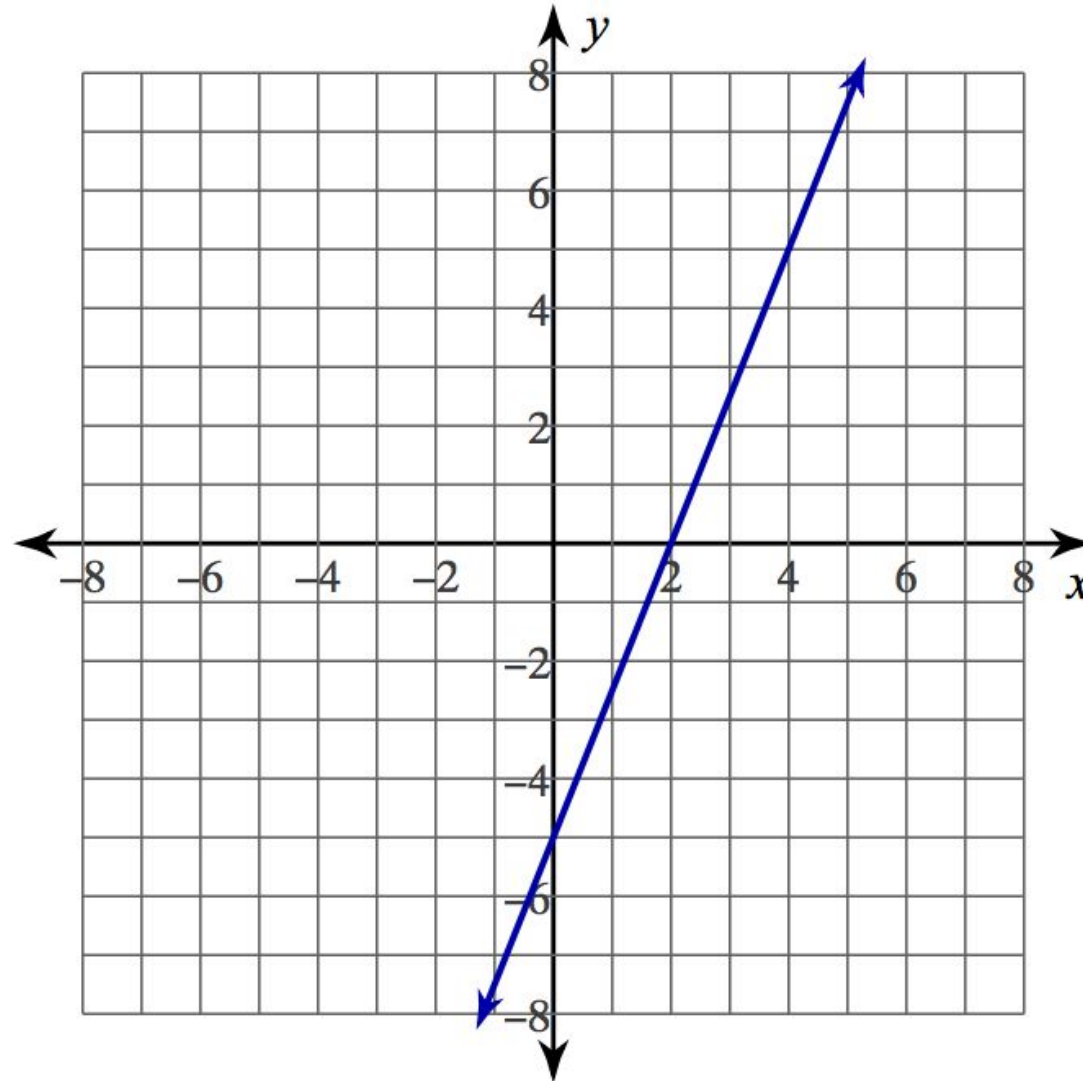
Station 2: Transformations

	Parent Function: $f(x) = 2x$ $g(x) = -2(x - 4)$	Parent Function: $h(x) = 2^x$ $j(x) = 2^{-x} + 5$	Parent Function: $m(x) = 3x^2$ $n(x) = 3(x + 2)^2 - 1$
Description			
Coordinate Notation			
Function Notation			

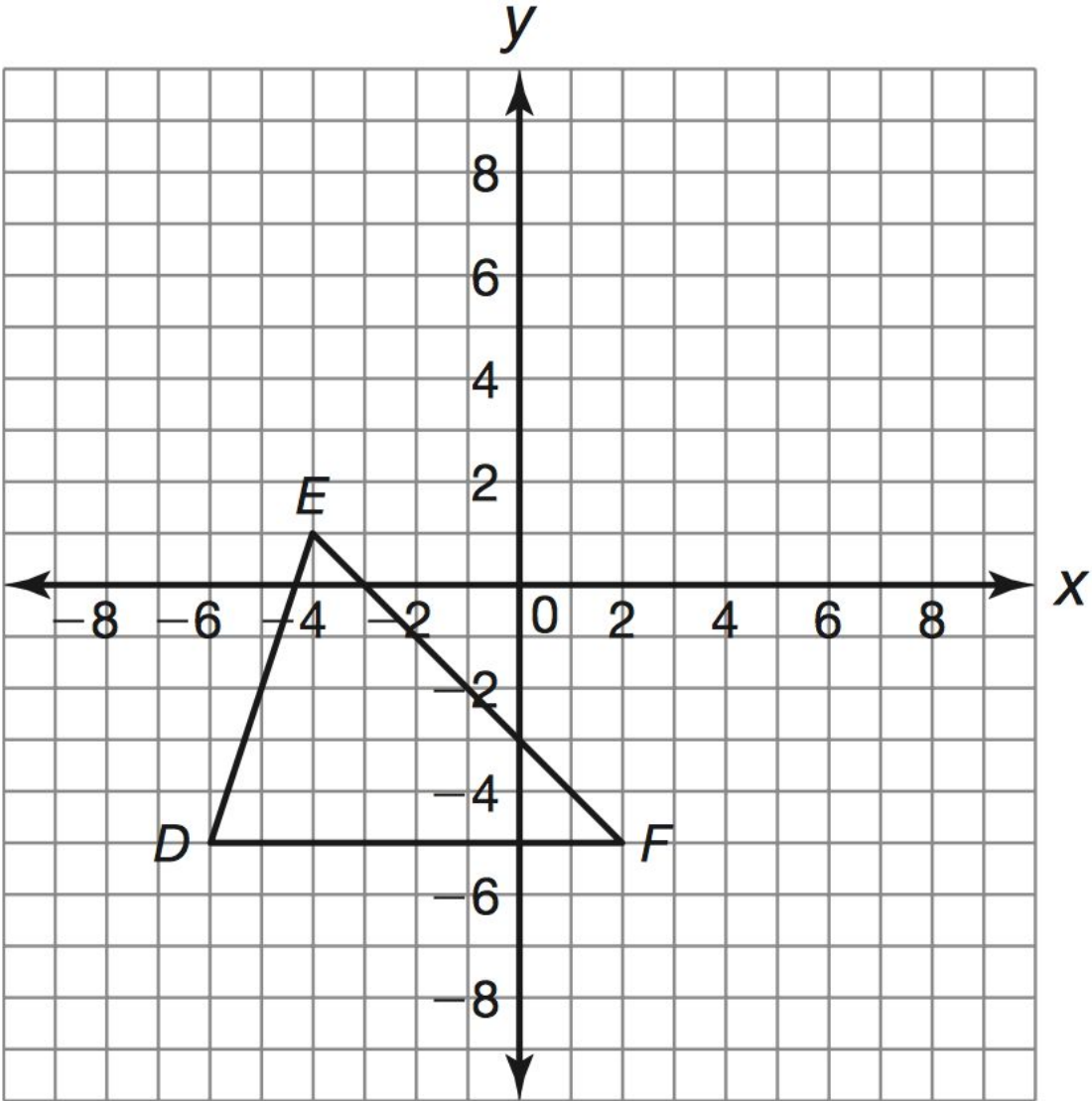
Station 3: Writing & Graphing Systems of Inequalities

An electronics company is manufacturing electronic book readers. A basic model takes 4 hours and \$40 to make. A touch screen model takes 6 hours and \$120 to make. The company has 120 hours and \$1920 to manufacture the electronic book readers. The company would like at least 3 basic models and 8 touch screen models produced per day.

Station 4: Distance b/w a Point and a Line



Station 5: Area & Perimeter of Triangles



Station 6: Area & Perimeter of Triangles Pt.

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Station 7: Area & Perimeter of Rectangles

Station 8: Classifying Quadrilaterals