

Jefferson Township Public Schools

Summer Assignment for students entering Geometry Honors

**This assignment will count as a formative assessment and
is due on the second class meeting of the school year.**

Geometry Honors Summer Assignment

Solve.

$$1) -15(x + 16) = -165$$

$$2) 11 + \frac{m}{-9} = 12$$

$$3) 18 + 16a = -446$$

$$4) \frac{n-7}{2} = 9$$

$$5) -8n - 8(n + 4) = -6(n - 3)$$

$$6) -2(-1 + x) - 8 = 4(6x - 8)$$

$$7) 6 + 4(2 - 6x) = -6x + 4(5x - 6)$$

$$8) -3(x - 4) - 5(x + 6) = -6x + 4x$$

$$9) \frac{4}{x-7} = \frac{2}{x}$$

$$10) \frac{b}{2} = \frac{b+8}{10}$$

$$11) \frac{v}{v+9} = \frac{3}{10}$$

$$12) \frac{k-4}{3} = \frac{k}{6}$$

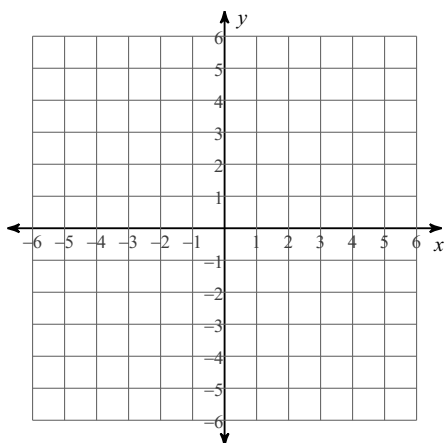
Find the slope of the line through each pair of points.

$$13) (18, -2), (-13, -18)$$

$$14) (2, 5), (14, 3)$$

Sketch the graph of each line.

$$15) x + 2y = 4$$



$$16) 3x - 4y = 8$$

