

8 Review Day 2

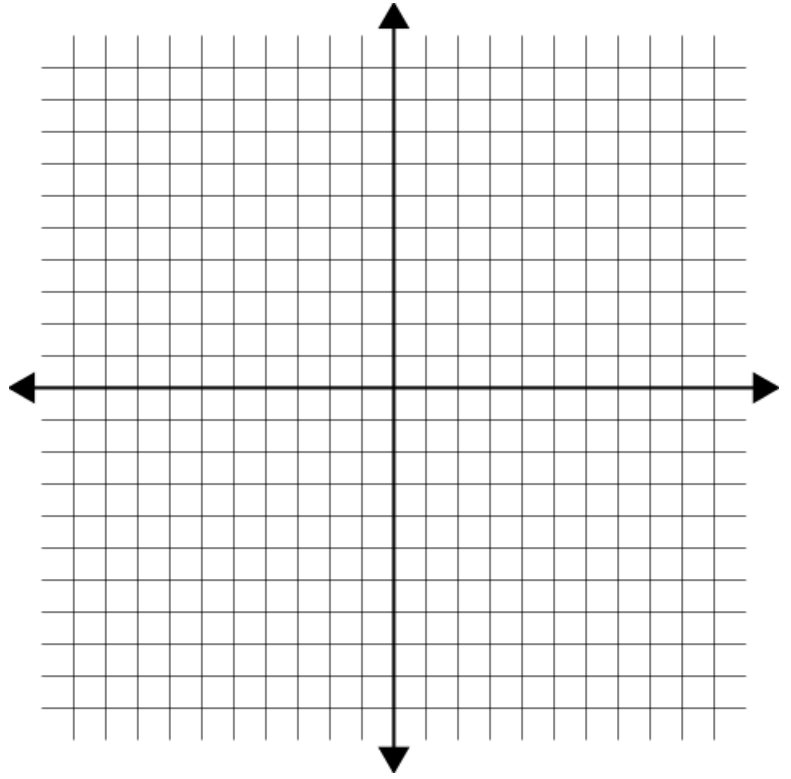
Graph the lines.

$$y = -6x - 10$$

$$y = 9$$

$$x = -2$$

$$y = \frac{1}{7}x + 1$$



Perform each calculation using **only** your brain.

$$(\sqrt{555})^2$$

$$\sqrt{s^2}$$

$$(\sqrt{\sqrt{5}})^2$$

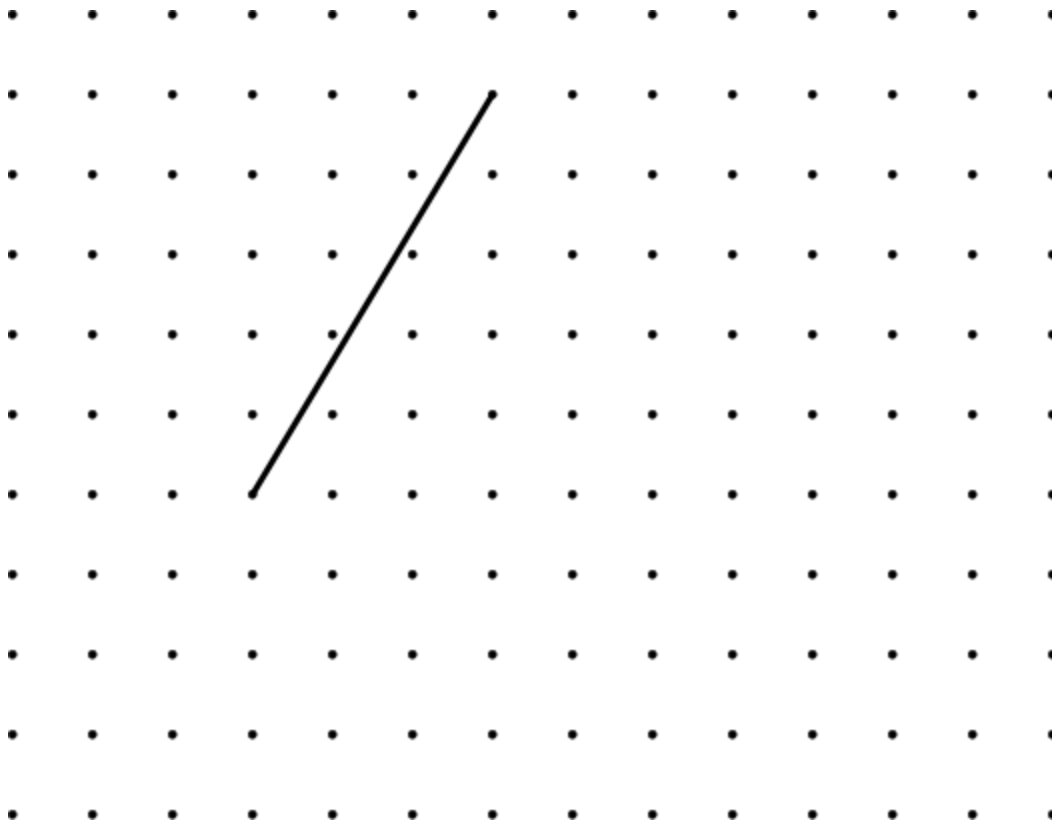
$$(1 - 2 + 3 - 4 + 5)^2$$

$$2^3$$

$$\sqrt{2} \cdot \sqrt{3} \cdot \sqrt{2} \cdot \sqrt{3}$$

Explain how to determine if a graph is linear or non-linear.

The segment below is one side of a square. Draw the rest of the square. Then, determine the square's area.



Calculate the slope of the line connecting the two points.

$(-7, 13)$ and $(5, -9)$

$(0, 22)$ and $(22, 0)$

Write the coordinates of a y -intercept.

Write the coordinates of an x -intercept.