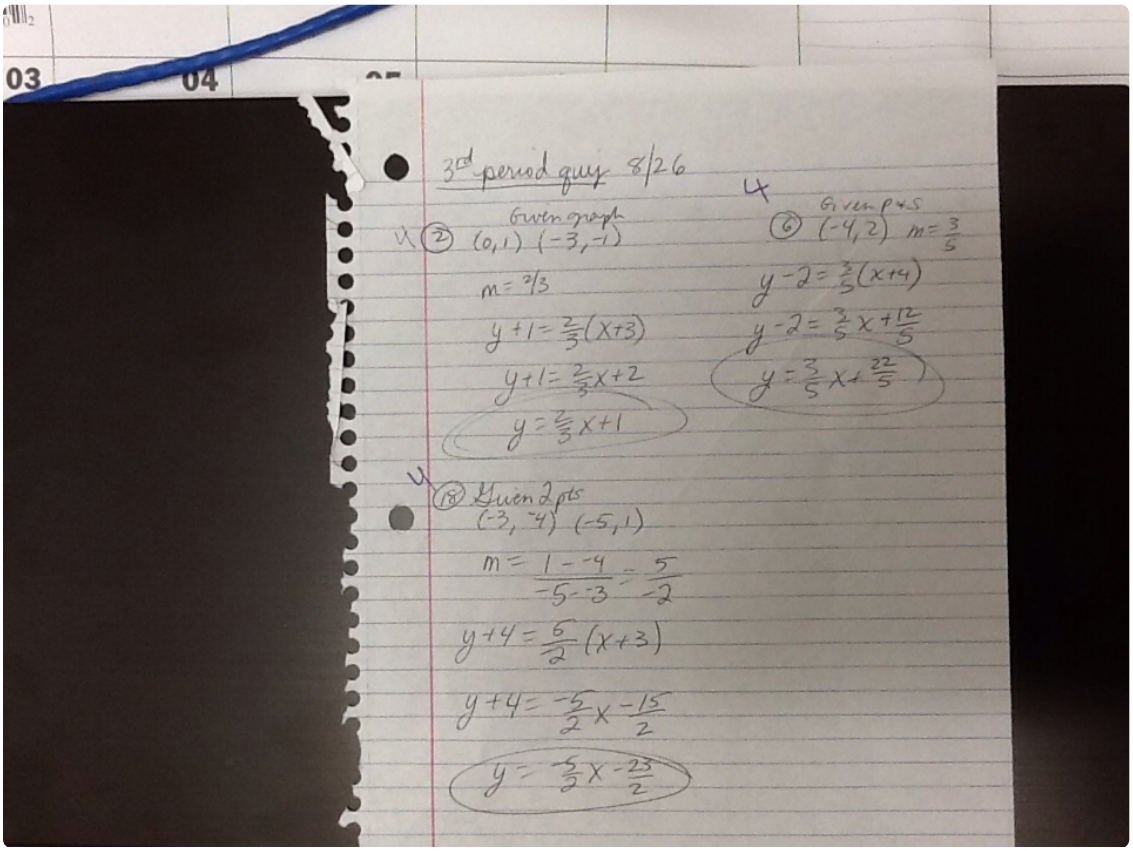


Bellwork:

Write the equation of the line in point-slope and slope-intercept forms.

① $m = -\frac{2}{3}$ $(-6, -5)$

$$y - y_1 = m(x - x_1)$$

$$y + 5 = -\frac{2}{3}(x + 6)$$

$$y + 5 = -\frac{2}{3}x - 4$$

$$-5 \qquad -5$$

$$\boxed{y = -\frac{2}{3}x - 9}$$

(2) $(-4, -1)$ $(2, 2)$

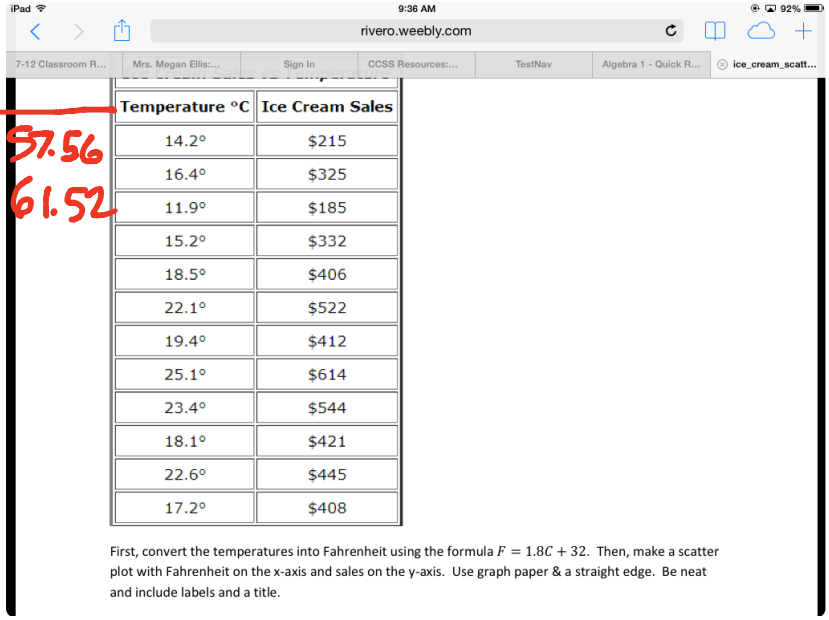
$$m = \frac{2 - -1}{2 - -4} = \frac{3}{6} = \frac{1}{2}$$

$$y - 2 = \frac{1}{2}(x - 2)$$

$$y - 2 = \frac{1}{2}x - 1$$

$$+2 \qquad +2$$

$$\boxed{y = \frac{1}{2}x + 1}$$



57.56
61.52

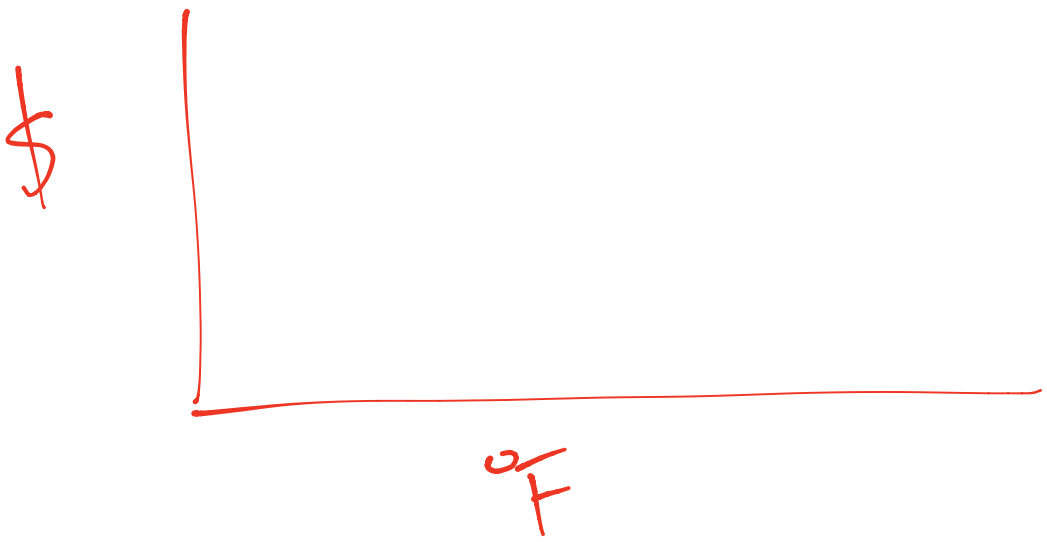
Temperature °C	Ice Cream Sales
14.2°	$215
16.4°	$325
11.9°	$185
15.2°	$332
18.5°	$406
22.1°	$522
19.4°	$412
25.1°	$614
23.4°	$544
18.1°	$421
22.6°	$445
17.2°	$408

First, convert the temperatures into Fahrenheit using the formula $F = 1.8C + 32$. Then, make a scatter plot with Fahrenheit on the x-axis and sales on the y-axis. Use graph paper & a straight edge. Be neat and include labels and a title.

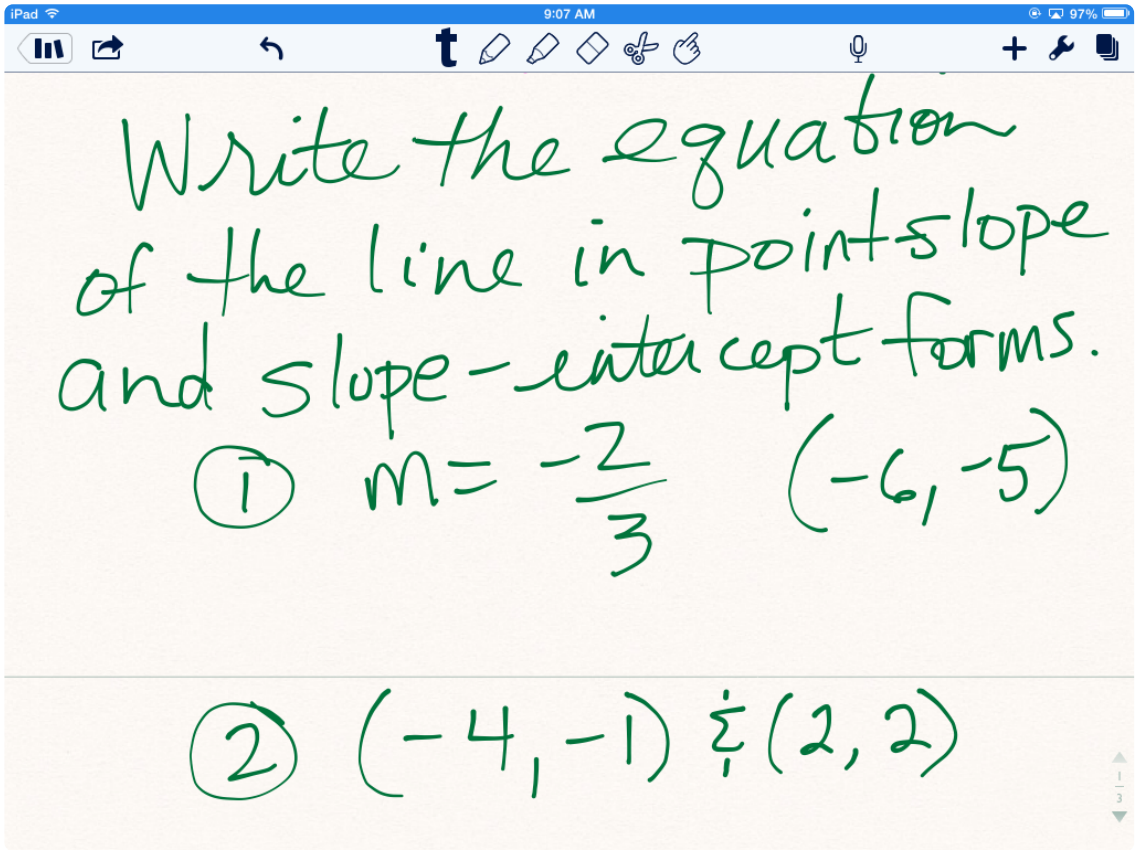
$$F = 1.8C + 32$$

$$F = 1.8(14.2) + 32$$

$$1.8(16.4) + 32$$



point-slope form on quiz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9:07 AM
97%
Write the equation of the line in point-slope and slope-intercept forms.
① $m = \frac{-2}{3}$ $(-6, -5)$
② $(-4, -1)$ & $(2, 2)$