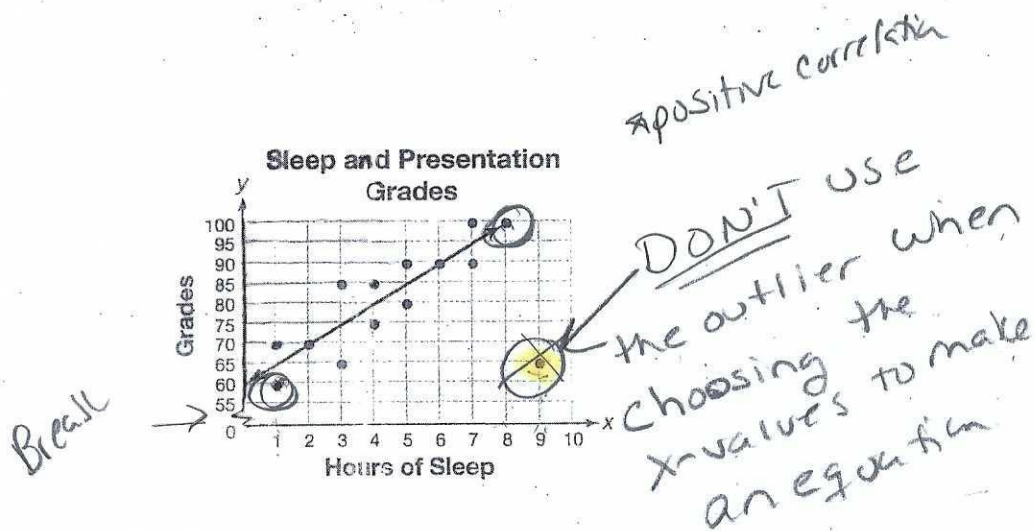


Name Kay

Date \_\_\_\_\_

Do Now



Determine the equation for the line of best fit.  
Round your slope to the nearest hundredth

$$(1, 60) \quad (8, 100)$$

$x_1 \quad y_1 \quad x_2 \quad y_2$

$$m = 5.71$$
$$b = 54.29$$

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$m = \frac{100 - 60}{8 - 1}$$

$$m = \frac{40}{7}$$

$$m = 5.71$$

$$y = mx + b \quad (1, 60)$$

$x \quad y$

$$60 = 5.71(1) + b$$

$$60 = 5.71 + b$$

$$-5.71 - 5.71$$

$$b = 54.29$$

$$y = 5.71x + 54.29$$