

## Creating Linear Equations – Day 3

Unit 3: Comparing Functions - Modeling & Transformations

**Find the equation of the line that best describes the provided information.**

1.  $(-6, -24)$  &  $(4, 6)$

2.  $(-5, 17)$  &  $(3, -7)$

3.  $(-2, -9)$  &  $(8, -4)$

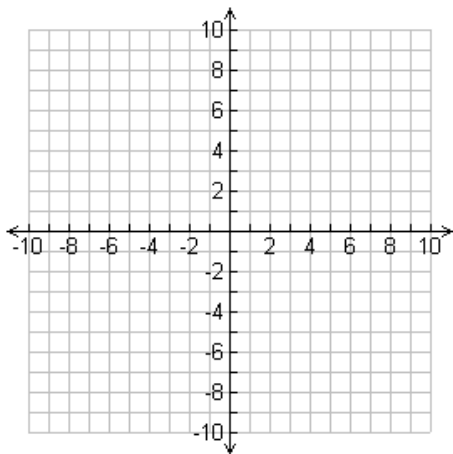
4.  $(-4, 4)$  &  $(4, 2)$

5.  $(-8, 0)$  &  $(8, 2)$

6.  $(-10, -6)$  &  $(10, -8)$

7. Create a scatter plot for the following points and draw a line through the middle of the points:

$(-10, 0)$ ,  $(-8, -3)$ ,  $(-2, -2)$ ,  
 $(1, -5)$ ,  $(5, -4)$ ,  $(9, -6)$



8. Create a scatter plot for the following points and draw a line through the middle of the points:

$(-3, 10)$ ,  $(-5, 9)$ ,  $(-5, 7)$ ,  
 $(-6, 6)$ ,  $(-8, 6)$ ,  $(-10, 2)$

