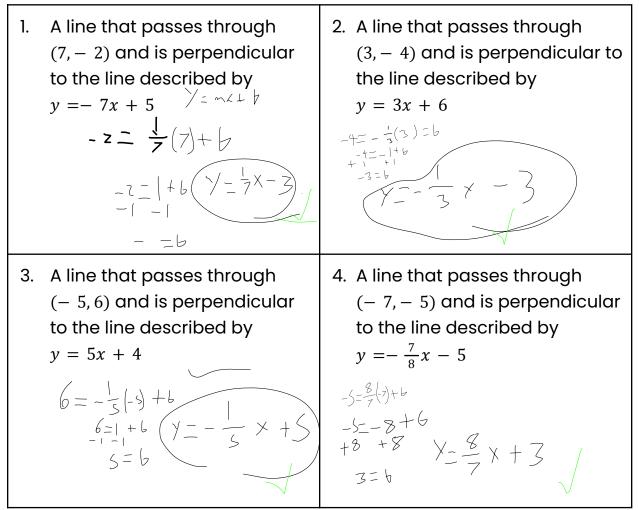
Name:

Hour: \_\_\_\_\_

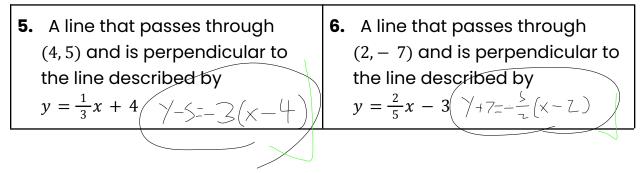
## Topic 1: Writing Equations for Perpendicular Lines (Using Slope-Intercept Form)

## Write an equation in <u>SLOPE-INTERCEPT</u> form using the given information.



# Topic 2: Writing Equations for Perpendicular Lines (Using Point-Slope Form)

#### Write an equation in <u>POINT-SLOPE</u> form using the given information.



7. A line that passes through (9, 11) and is perpendicular to the line described by y = -x - 7 |-||= |(x - 1)8. A line that passes through (3, 1) and is perpendicular to the line described by  $y = \frac{1}{4}x - 8$ |-||= -4(x - 3)

### Topic 3: Writing Equations for Perpendicular Lines with Zero and Undefined Slopes

Write an equation using the given information. Feel free to graph the original equation for a better visualization of your new equation.

