

Geometry

3.2 Writing Linear Equations B: $\perp$ and $\parallel$

Name:

Date:

Period: 1 2 3 4 5 6

Directions: Find the line that the following questions are asking for using the techniques that we learned in class today or ones that you have used before.

- 1.) Find a parallel line to: $y = 3x + 6$ (2,0)
- 2.) Find a parallel line to: $y = 1/5x - 10$ (4,4)
- 3.) Find a parallel line to: $y = -2.3x + 16$ (1,3)
- 4.) Find a perpendicular line to: $y = 3x + 8$ (2,1)
- 5.) Find a perpendicular line to: $y = 1/5x + 1$ (15,3)
- 6.) Find a perpendicular line to: $y = -1/3x + 6$ (9,18)