

Math 375, Fall 2026, Quiz 7, 9/14/26

Name:

- 1) Fill in: The slope of a horizontal line is _____ .
- 2) Fill in: The slope of a vertical line is _____ .
- 3) Find the equation of the line between $(-2, 4)$ and $(5, 1)$. Write in slope-intercept form.
- 4) Find the vertex of the parabola given by $y = x^2 - 2x + 6$.

Ans:

1) zero

2) undefined

3)

$$y = -\frac{3}{7}x + \frac{22}{7}$$

4)

$(1, 5)$