

MA 114 - Reading Assignment 3 - Section 1.4 - Spring 2008

Hello, my name is _____

1. **True** or **False**: The slope of a vertical line is 0.
2. Follow Example 1. Find the slope of the line through the points $(-3, 2)$ and $(5, -1)$.
3. When the slope of a line is positive, the line slants _____ from left to right.
4. When the slope of a line is negative, the line slants _____ from left to right.
5. When the slope of a line is zero, the line is _____.
6. What are three forms of equations of lines? (The equation of a horizontal line is not a form of an equation of a line.)
7. The slope of a given line is 2. What is the slope of any line parallel to this given line?

8. The slope of a given line is 2. What is the slope of any line perpendicular to this given line?
