Math 1513 - College Algebra

Quiz #9 - 2011.09.15

Solutions

---

1. Name at least three possible characteristics that can be used to describe the shape of a function's graph.

We can choose from many: odd, even, increasing, decreasing, maximum and minimum values.

2. Find the equation of the line parallel to $2x+3y=7$ passing through the point $(-3,4)$. Please express your answer in point-slope form.

The slope of the line parallel to $2x+3y=7$ must be $m=-\frac{2}{3}$, and the point we need is $(-3,4)$. Therefore, the equation of our line is $y-4=-\frac{2}{3}(x+3)$.