Quiz 1 Multiply and Divide Polynomials

**Simplify**

**Simplify. Assume that no denominator is equal to zero.**

**Find each product.**

**12. Write in slope-intercept form.**

**13. What is the slope of** ?

**14.**  Graphing the polynomial function produces an accurate drawing of the shape of an archway inside Dr. Who’s Tardis, where x is the horizontal distance in meters from the base of the arch and y is the height of the arch. At x=0, what is the height of the arch?

