How High is it Anyway – Trig Ratios

**5 Question Mixed Review - Math I**

1. Convert the following quadratic equation to standard form.

 y = (x – 3)2 + 2

2. What are the factors of y = x2 – x – 6?

3. Simplify the following. (x – 4)(2x + 5)

4. What is the vertex of the following equation? y = (x – 1)2 + 7

5. What the solutions of the following equation? y = x2 – 4x + 4