Name: Student, One

Quiz name: Quadratic Journal

Date: 01/25/2015

Score: 0%

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1.   A quadratic relationship is...

A quadratic relationship relates the output to an input squared. For example: $y = x^2$. More generally the equation can look like this: $y = ax^2 + bx + c$, where a, b, and c are real numbers. As long as there is at least one x^2 term it is considered a quadratic relationship. When you graph a quadratic function, you will end up with a parabola.

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2.   My example fits the description of a quadratic relationship because...

My example fits the description of a quadratic relationship because it can be modeled by a parabola. The example I chose was a rainbow.

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3.   My example is similar to my classmates because...

The example I chose was a picture. Other classmates choose pictures too so this is one way that my example is similar. A second way is that my parabola opens down. Many of my classmates also chose parabolas that open down.

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4.   My example is different from my classmates because...

My example is different from my classmates because some of them choose to make videos of the quadratic relationships they found. My example is static and doesn't move. Another way that my example is different is that it is a very large example spaning kilometers.

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5.   I think I could make my example better if...

I think I could make my example if I used multiple pictures of different rainbows. I wonder if all rainbows can be represented by the same quadratic equation?