

Unit 6 Discussion Example – Reply to Classmate Post 3

Excellent post Classmate! That is really interesting reading your posts and seeing how the number of phone calls changes. I notice that when the population is less, the number of phones is less – that is **direct variation**! That makes sense I guess – less people, less calling. When there was a large number for distance, it seemed to make the phone calls less too. I guess that would be an example of **inverse direction** – more distance, less calls. Kind of interesting to see **variation** in action.

Units 4,5 and 6 Key Math Terms

This list is not comprehensive but some of the key math terms used in Units 4,5, and 6 material are listed below. You can use these terms of any terms from your text in your Reply to Classmate Post 3.

Enjoy playing the [Unit 4 Vocabulary Interactive](#), [Unit 5 Vocabulary Interactive](#), and [Unit 6 Vocabulary Interactive](#).

- Radical symbol
 - Radicand
 - Principle square root
 - Perfect square
 - Rationalizing the denominator
 - Exponent
 - Fraction
 - Rational
 - General factoring strategy
 - FOIL
 - Polynomials
 - Factor
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- Linear Equation
 - x-intercept
 - y-intercept
 - Inequalities
 - Solution Set
 - Graph
 - Cartesian Coordinate System

- Ordered pair
 - Vertex
 - Number line
 - Interval notation
 - Infinity
 - Set-builder notation
 - Compound inequality
 - Equation
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- Variation
 - Direct Variation
 - Inverse Variation
 - Joint Variation
 - Combined Variation
 - Directly proportional
 - Inversely proportional
 - Constant of Proportionality