**ALGEBRA I – CHAPTER 3 PRESENTATIONS**

**Direct and Inverse Variation**

For your problem, you must complete the following.

1. Explain the definition of your type of variation (direct or inverse).
2. Explain a real life example of your type of variation (direct or inverse) using a visual.
3. Explain the formula used for your type of variation (direct or inverse).
4. Use your given values to solve for k.
5. Write an equation for your values.
6. Solve your given problem.

All values must be in simplified, most-reduced fractional form.

These presentations are due at 8:00 on Friday, November 15th.

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| **LAST NAME** | **ASSIGNED PROBLEM** |
| Arguelles, Cabrera, Castro | Direct Variation:  If x = 2 when y = 10, find x when y = 15. |
| Chupp, Galavis | Direct Variation:  If x = 6 when y = 30, find y when x = 2. |
| Garza | Direct Variation:  If x = 4 when y = 8, find x when y = 17. |
| Hardin, Lozano | Inverse Variation:  If x = 3 when y = 9, find y when x = 2. |
| McKinney, Myers | Inverse Variation:  If x = 8 when y = 2, find y when x = 12. |
| Ramirez, Vazquez | Inverse Variation:  If x = 2 when y = 8, find y when x = 14. |
| Wilson, York | Inverse Variation:  If x = 15 when y = 3, find y when x = 2. |