Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_

Algebra 2 Honor Spiral 21 - Review

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| Variation and Graphing Simple Rational Functions |
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| HA: VA: X-int: Y-int: | 1. The level of Mrs. Giaquinta’s anger is jointly related to the number of students who refused to do their homework and the number of missing chairs. If there were 3 missing chairs and 10 students refusing to do their homework, Mrs. Giaquinta’s anger was at a 10. What level was Mrs. Giaquinta’s anger at if there were 10 missing chairs and 4 students refusing to do their homework?
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| Simplifying Rational Expressions |
| 1.

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| Rational Equations; Sequences  |
| 1. Give the next two terms of the sequence below, then write the general rule.

2, 8, 32, …. | 7. Solve for x. Check for extraneous solutions.  |
| 1. Write a general rule for the sequence below. Then find the 8th term.

1, 1.5, 2.25, … | 8. Solve for x. Check for extraneous solutions. |
| Series |
| 9. Find the sum of the series: a. b.  | 10. Find the sum of the series, if possible:a. b.   |