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Algebra 2 Honor Spiral 22 - Review

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| Simplifying Rational Expressions |
| 1.  | 2.  |
| Rational Equations; Sequences  |
| 1. Give the next two terms of the sequence below, then write the general rule.

4, 10, 16, …4. Given the sequence below, write the general rule (a­n). -1, -8, -27, -64, …5. Write a general rule for the sequence below. Then find the 8th term. 5, 7.5, 11.25, … |  6. Solve the rational equation. Be sure to check for extraneous solutions. .  |
| Series |
| Find the sum of each series.7. 8. 9.  | Find the sum of each series, if possible:10. 11.  |
| Exponential and Logarithmic Functions - Graphs |
| Graph the Exponential function. Include at least three points and identify any asymptotes12.

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Domain:Range: | Graph the Exponential function. Include at least three points and identify any asymptotes13.

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