

Mathematics 30-2: Unit 8 Review

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| **Review the outcomes assessed on this quiz.** **I can...** | **Circle the questions you got correct on this Quiz.** | **Check the rating you think reflects your understanding of each outcome.** |
| **Unit 8 Outcomes** | describe the characteristics of a sinusoidal function by analyzing its graph | 1, 6, 11 |  |  |
| describe the characteristics of a sinusoidal function by analyzing its equation | 2, 7 |  |  |
| match the equation of a sinusoidal function to its corresponding graph | 3, 8 |  |  |
| graph data and determine the sinusoidal function that best fits the data | 4, 12 |  |  |
| interpret the graph of a sinusoidal function that models a situation, and explain your reasoning | 9 |  |  |
| use technology to solve a problem that involves data best modelled by a sinusoidal function | 5, 10 |  |  |
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| **Review Outcomes** | describe the characteristics of an exponential function by analyzing its graph (Lesson 6A) | 13 |  |  |
| determine the probability of, or the odds for and against, an outcome (Lesson 3A) | 14 |  |  |
| simplify a rational expression (Lesson 4A) | 15 |  |  |
| match the equation of a logarithmic function to its corresponding graph (Lesson 7A) | 16 |  |  |
| determine an equivalent expression for a logarithmic expression by applying the laws of logarithms (Lesson 7B) | 17 |  |  |
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| **Record any questions you have about Unit 8. Then, contact your teacher.** |