

Parents as Partners

Algebra 1

What we are learning about: Unit 6 Exponent Rules and Growth and Decay Models

One way you can help your student succeed in the unit is by discussing the lesson targets in the chart below. When a lesson is completed, ask your student the following questions:

1. What are the targets (goals) of the lesson?
2. What new words and formulas did you learn?
3. How can you apply the ideas of the lesson to your life?

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| **Target** | **Examples** | **Key Vocabulary** |
| Multiplication and Dividing Exponent Rules  Chapter 7 Section 2 and 3 |  | * Exponent * Base * Difference * Sum |
| Negative and Zero Exponents  Chapter 7 Section 1 |  | * Reciprocal * Exponent * Base |
| Exponential Growth Models  Chapter 7 Section 5 |  | * Exponential Growth * Growth Rate * Increase * Growth Factor * Compound Interest |
| Exponential Decay Models  Chapter 7 Section 6 |  | * Decay Factor * Exponential Decay * Decrease * Decay Rate * Compound Interest |

If you or your students have any questions about the unit or math class, feel free to contact me at [hummelcl@qps.org](mailto:hummelcl@qps.org) or call 217-223-0373 Extension 1309