


Exponents and Exponential Functions

Prerequisite Skills	486
8.1 Apply Exponent Properties Involving Products	489
🔍 Investigating Algebra Activity: Products and Powers.....	488
8.2 Apply Exponent Properties Involving Quotients	495
8.3 Define and Use Zero and Negative Exponents	503
🔍 Investigating Algebra Activity: Zero and Negative Exponents.....	502
📌 Mixed Review for TEKS	511
8.4 Use Scientific Notation	512
📱 Graphing Calculator Activity Use Scientific Notation.....	519
8.5 Write and Graph Exponential Growth Functions	520
📖 Problem Solving Workshop	528
8.6 Write and Graph Exponential Decay Functions	531
🔍 Investigating Algebra Activity: Exponential Models.....	530
📌 Mixed Review for TEKS	541
ASSESSMENT	
Quizzes.....	501, 518, 538
Chapter Summary and Review.....	542
Chapter Test.....	547
📌 TAKS Preparation and Practice	548
 Activities	487, 491, 505, 512, 522, 534, 536

Chapter 8 Highlights

PROBLEM SOLVING

- Mixed Review for **TEKS**, 511, 541
- Multiple Representations, 493, 500, 507, 517, 525, 528, 537
- Multi-Step Problems, 493, 511, 517, 525, 538, 541
- Using Alternative Methods, 528, 529
- Real-World Problem Solving Examples, 491, 498, 505, 514, 522, 523, 534

ASSESSMENT

- **TAKS** Practice Examples, 505, 523
- Mixed Review for **TAKS**, 494, 501, 508, 518, 527, 538
- **TAKS** Reasoning, 492, 493, 494, 497, 499, 501, 506, 507, 508, 514, 515, 516, 517, 522, 524, 526, 534, 535, 536, 537
- Writing, 492, 498, 506, 515, 523, 524, 527, 535, 536, 543

TECHNOLOGY

At *classzone.com*:

- Animated Algebra, 487, 505, 512, 522, 534, 536
- Texas @Home Tutor, 486, 493, 500, 507, 516, 519, 525, 537, 543
- Online Quiz, 494, 501, 508, 518, 527, 538
- **TAKS** Practice, 511, 541, 549, 551