

Grade 8 Math Packet

Textbook: *Big Ideas Grade 8*

The Number System and Pythagorean Theorem Unit is for students to complete at home. Each lesson will take approximately three-30 minute sessions to complete. On the first day of the lesson you will complete the Activities within the packet. Lessons have 2-4 Activities. If you do not finish, you may complete them on the following day. On the second day finish the Activities, start to read over the examples in your *Big Ideas* student text book and choose 5 problems of your choice to complete from the Practice. Try a variety of problems that will challenge you. On the third day, finish the Practice. You may add more problems if you like or move on to the next Lesson if you finish early. Check off the assignments as you complete them and then take a few minutes to reflect on the lesson. For packet Chapter 7 Packet, [Click Here](#). For packet Chapter 10 Packet, [Click Here](#).

7.1 Finding Square Roots (days 1-3)					
Complete Activity 1, 2, & 3		Read Examples Ex.# 1-4 on pages 290-291		Complete Practice (chose 5 problems)	
In this lesson, I learned about.....					
A question I still have about the lesson is...					
7.2 Finding Cube Roots (days 4-5)					
Complete Activity 1, 2, & 3		Read Examples Ex.# 1-4 on pages 296-297		Complete Practice (chose 5 problems)	
In this lesson, I learned about.....					
A question I still have about the lesson is...					
7.3 The Pythagorean Theorem (days 6-8)					
Complete Activity 1, 2, & 3		Read Examples Ex.# 1-3 on pages 302-303		Complete Practice (chose 5 problems)	
In this lesson, I learned about.....					
A question I still have about the lesson is...					

7.4 Approximating Square Roots (days 9-11)					
Complete Activity 1, 2, & 3		Read Examples Ex.# 1-5 on pages 310-312		Complete Practice (chose 5 problems)	
In this lesson, I learned about.....					
A question I still have about the lesson is...					
7.5 Using the Pythagorean Theorem (12-14)					
Complete Activity 1, 2, & 3		Read Examples Ex.# 1-3 on pages 320-321		Complete Practice (chose 5 problems)	
In this lesson, I learned about.....					
A question I still have about the lesson is...					
10.1 Exponents (days 15-17)					
Complete Activity 1, 2, 3, & 4		Read Examples Ex.# 1-3 on pages 412-413		Complete Practice (chose 5 problems)	
In this lesson, I learned about.....					
A question I still have about the lesson is...					
10. 2 Product of Powers Property (days 18-20)					
Complete Activity 1, 2, 3 & 4		Read Examples Ex.# 1-4 on pages 418-419		Complete Practice (chose 5 problems)	
In this lesson, I learned about.....					

A question I still have about the lesson is...

10.3 Quotient of Powers Property (days 21-23)

Complete Activity 1, 2, & 3

Read Examples
Ex.# 1-4 on pages 424-425

Complete Practice
(chose 5 problems)

In this lesson, I learned about....

A question I still have about the lesson is...

10.4 Zero and Negative Exponents (days 24-26)

Complete Activity 1 & 2

Read Examples
Ex.# 1- 3on pages 430-431

Complete Practice
(chose 5 problems)

In this lesson, I learned about....

A question I still have about the lesson is...

10.5 Reading Scientific Notation (days 27-30)

Complete Activity 1, 2, 3, & 4

Read Examples
Ex.# 1- 4 on pages 438-439

Complete Practice
(chose 5 problems)

In this lesson, I learned about....

A question I still have about the lesson is...

10.6 Writing Scientific Notation (days 31-33)

Complete Activity 1, 2, & 3		Read Examples Ex.# 1- 4 on pages 444-445		Complete Practice (chose 5 problems)	
In this lesson, I learned about.....					
A question I still have about the lesson is...					