Integrated Geometry Unit 4 Part 2 Piecewise, Inverse, & Exponential Functions

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| Date | Section | Topics | Read  Pages | Assigned Exercises |
| 1/31 | 4.1 | How do I use the properties of exponents? | 107-109 | Pg. 110: 1-29 |
| 2/1 | 4.1 | How do I use the properties of exponents? |  | Pg. 111: 1-25 |
| 2/2 | 4.2 | How do I perform operations with functions and find compositions of functions? | 112-113 | Pg. 114: 1-24 |
| 2/3 | 4.2 | How do I perform operations with functions and find compositions of functions? |  | Pg. 115: 1-16 |
| 2/4 |  | 4.1-4.2 Take Home Quiz |  | Take Home Quiz and Pizazz pages |
| 2/7 | 4.3 | How do I find the inverse of a function and then verify the inverses? | 116-117 | Pg. 118(1-14) |
| 2/8 | 4.3 | How do I find the inverse of a function and then verify the inverses? |  | Pg. 119(1-15) |
| 2/9 | 4.3 | How do I graph a function and its inverse on the same set of axes? |  | Notes/guided practice  Pg. 118(15-20)  Pg. 119(16-18) |
| 2/10 | 4.1-4.3 | How do I review for the quiz on 4.1-4.3? |  | Classwork practice sheets. Guidenotebook page 129(1-17) |
| 2/11 |  | Quiz |  | Puzzle sheet practice with exponents |
| 2/14 | 4.4 | What is an exponential growth function? | 120-121 | Pg. 122: 1-12 |
| 2/15 | 4.5 | What is an exponential decay function? | 124-125 | Pg. 126: 1-15 |
| 2/16 | 4.4-4.5 | How can we use exponential growth and decay functions with our money? |  | Pg. 122: 13-15  Pg. 123: 11-12  Pg. 126: 16-19  Pg. 127: 18-20 |
| 2/17 |  | Review 4.1-4.5 |  | Review do page 147: 1-26,46, 50A |
| 2/18 |  | Test 4.1-4.5 |  | Test 4.1-4.5 |

**Online Math 2 text: Classzone.com Use Activation Code: 3585759-30**