**Guided Notes- Chapter 7: Rates and Operations Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**In this chapter I CAN:**

* - Calculate rates, including unit rates
* - Compare ratios and rates with different units
* -Divide more efficiently with fractions, mixed numbers, and decimals
* -Rewrite expressions by combining like terms and using the Distributive Property

**7.1.1 How can I compare rates?**

**Comparing Rates**

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| ***7-1*** |
| **a.** | **b.** |
| **7-2** |
|  |

|  |
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| ***7-3*** |
| **a.** | **b.** |
| **c.** |

|  |
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| ***7-4*** |
| **a.** | **b.** |
| **c.** |
| **7-5** |
| **a.** | **b.** |
| **c.** | **d.** |
| **7-6** |
|  |
| **7-7** |
| **a.** | **b.** |

**7.1.2 How can I compare the rate?**

**Comparing Rates with Tables and Graphs**

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| --- |
| ***7-14*** |
| **a.** | **b.** |
| **7-15** |
| **a.** | **b.** |
| **c.** | **d.** |

|  |
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| ***7-16*** |
| **a.** | **b.** |
| **c.** | **d.** |

**7.1.3 How can I find the rate?**

**Unit Rates**

|  |
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| ***7-24*** |
| **a.** |
| **b.** | **c.** |

|  |
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| ***7-25*** |
| **a.** | **b.** |
| **c.** |
| ***7-26*** |
| **a.** | **b.** |
| **c.** | **d.** |
| **e.** | **f.** |
| ***7-27*** |
| **a.** | **b.** |

**7.2.1 How can I calculate it?**

**Analyzing Strategies for Dividing Fractions**

|  |
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| ***7-35*** |
| **a.** |
| **b.** |
| **7-36** |
| **a.** |
| **b.** |
| ***7-37*** |
|  |
| **7-38** |
| **a.** | **b.** |
| **c.** |
| ***7-39*** |
|  |

|  |
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| ***7-40*** |
| **a.** | **b.** |
| **c.** |

**7.2.2 Is there another way?**

**Another Strategy for Dividing Fractions**

|  |
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| ***7-49*** |
| **a.** | **b.** |
| **c.** |
| ***7-50*** |
| **a.** |
| **b.** |
| **7-51** |
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**7.2.3 How can I divide?**

**Division with Fractions and Decimals**

|  |
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| ***7-57*** |
| ***a.i.*** | ***ii.*** | ***iii.*** |
| ***b.i.*** | ***ii.*** | ***iii.*** |
| ***7-58*** |
| **a.** | **b.** |
| **7-59** |
| **a.** | **b.** |
| **c.** |
| ***7-60*** |
| **a.** | **b.** |
| **c** |
| **7-61** |
| **a.** |
| **b.** |
| **c.** |

7.2.4 How is division like a ratio?

Fraction Division as Ratios

|  |
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| ***7-69*** |
| **a.** | **b.** |
| **c.** | **d.** |
| **e.** |
| **7-70** |
|  |
| **7-71** |
|  |
| **7-72** |
| **a.** | **b.** | **c.** |

7.3.1 Why does it work?

Inverse Operations

|  |
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| ***7-79*** |
| **a.** |
| **b.** |
| **c.** |
| **d.** |
| **7-80** |
| **a.** | **b.** |
| **c.** |
| **7-81** |
| **a.** | **b.** |
| **c.** | **d.** |
| **7-82** |
| **a.** | **b.** |
| **c.** |
| **7-83** |
| **a.** | **b.** |
| **c.** | **d.** |
| **7-84** |
|  |

7.3.2 How can I write it?

Distributive Property

|  |
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| ***7-91*** |
|  |
| ***7-92*** |
|  |
| **a.** | **b.** |
| **c.** | **d.** |
| **7-93** |
|  |
| **7-94** |
| **a.** | **b.** |
| **7-95** |
| **a.** | **B** |
| **c.** |

7.3.3 How can I talk about it?

Distributive Property and Expressions Vocabulary

|  |
| --- |
| ***7-101*** |
| **a.** | **b.** |
| **c.** |
| **7-102** |
| **a.** | **b.** |
| **c.** | **d.** |
| **7-103** |
| **a.** | **b.** |
| **c.** | **d.** |
| **e.** |
| **5-104** |
| **a.** | **b.** |
| **c.** | **d.** |
| **e.** |

7.3.4 How can I find the unknown?

Writing Algebraic Equations and Inequalities

|  |
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| ***7-112*** |
| **a.** | **b.** |
| **c.** | **d.** |
| **e.** |
| **7-113** |
| **a.** | **b.** |
| **c.** | **d.** |
| **7-114** |
| **a.** | **b.** |
| **c.** | **d.** |
| **7-115** |
| **a.** | **b.** |
| **7-116** |
| **a.** | **b.** |
| **c.** | **d.** |
| **7-117** |
| **a.** | **b.** |
| **c.** | **d** |
| **e.** |
| **7-118** |
| **a.** | **b.** |
| **c.** |
| **7-119** |
|  |