Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table # \_\_\_\_ Period \_\_\_ Date \_\_\_\_

**1.5A Dividing Integers\_Classwork**

*Objective: CCSS 7.NS.2b and 3*

Dividing Integers with the Same Sign: the quotient of two integers with the same sign is positive.

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| 8 ÷ 4 = \_\_\_\_\_\_ | \_\_\_\_\_\_\_= \_\_\_\_ |  |

Dividing Integers with Different Signs: The quotient of two integers with different signs is negative

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| --- | --- | --- |
| -21 ÷ 7 = \_\_\_\_\_\_ | \_\_\_\_\_\_\_= \_\_\_\_ | \_\_\_\_\_\_\_= \_\_\_\_ |

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| **Problems** | **Fraction** | **Type of Quotient** | **Positive, Negative, or Zero** | **Quotient (Answer)** |
| 1. -15 ÷ 3 |  |  |  |  |
| 1. 12 ÷ 4 |  |  |  |  |
| 1. 12 ÷ (-3) |  |  |  |  |
| 1. -12 ÷ -4 |  |  |  |  |
| 1. 0 ÷ -15 |  |  |  |  |
| 1. 4 ÷ 0 |  |  |  |  |

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| Use order of operations: P/E/MD/AS  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Evaluate the expression when a = -18 and b = -6   |  |  |  | | --- | --- | --- | |  |  |  | |

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| **Problem 1:** |
| **Problem 2:** An alligator population in a nature preserve in the Everglades decreases by 60 alligators over 5 years. What is the mean yearly change in the alligator population?  “Mean” is another word for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Problem 3:** You read 105 pages of a novel over 7 days. What is the mean number of pages you read each day? |