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

**1.0B Intro to Using Integers\_Classwork**

Objective: Students will be able to use real-life application to explore integers

CC.SS.7.NS.1 and CC.SS.7.NS.3

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| --- | --- |
| 1. What is a thermometer? How do you use a thermometer? 2. How can you describe to your friend about the temperature outside using descriptive words? 3. How can you describe to your friend about the temperature outside using numerical values? | |
|  | |
| https://lh6.googleusercontent.com/JJ1juKRcPMM84mAnnQIMsjNJK8AKLQvQLvLB_gdJ9KyD8Lo_PkpIJ9ZBP5aJ4clDSgaz28HyJJglXiod6rv2HW3syDLA_qGy-nXll4fEJnFgLrzW8Lp9SP2m0uopB_cd4H_heL3m?download  Use the themometer to help you answer the questions | 1. Use colder/hotter and less than/greater than to describe each problem. 2. Put these temperature in order from smallest to largest (or coldest to warmest)   38°,  70°,  -10°,  15°,  -6°,  45°, 0°  \_\_\_\_\_, \_\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_   1. Which of the temperatures are positive? 2. Which of the temperature are negative? 3. Is 0 a positive or negative number? |
| What is Absolute Value?   * Absolute Value is the distance from zero on a number line. * Distance is always *positive*. * Absolute value symbol is ||.   For each problem you need draw a diagram to explain each answer.   |  |  | | --- | --- | | Example 1: |-3| | Example 2: |4| | | Practice 1: |6| | Practice 2: | | | |

Homework: page 7

<https://kttmc.weebly.com/uploads/2/1/2/7/21275598/real_life_exampl_common_core.pdf>

Resources:

<http://map.mathshell.org/download.php?fileid=1625>

<https://www.oercommons.org/authoring/13198-integers-introduction-to-the-concept-with-activiti/1/view>