**INDEPENDENT PROBLEM SOLVING**

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| 1) Helvey walked mile in hour.   1. Use a double number line to determine the rate in miles per hour.            1. What is Helvey’s walking rate in miles per hour? 2. How many multiples of the rate were needed to find the unit rate? 3. How could multiplication be used to find the unit rate? |
| 2) A pancake recipe calls for cup of wheat flour for every cup of white flour.   1. Complete a double number line to find the unit rate of cups of wheat per cup of white flour.            1. How many cups of wheat flour are used per cup of white flour? 2. How many multiples of the rate were needed to find the unit rate? 3. Who could multiplication be used to find the unit rate? |
| 3) Cody and Ollie train together. Cody and Ollie each think they have the fastest time. These are their recorded times.   * Cody ran 2 ¼ miles in 15 minutes. * Ollie ran 3 miles in 20 minutes  1. Draw a double number line for Cody to determine the unit rate in miles per hour. 2. Draw a double number line for Ollie to determine the unit rate in miles per hour. 3. Who ran at the faster rate? Explain. 4. How can each runner’s rate in miles per hour be found using multiplication? |