Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7th Grade RED CHAPTER 2 Practice 2**

|  |  |
| --- | --- |
| **Write the rational number as a decimal.** (2pt each)  1) | Answers  1) \_\_\_\_\_\_\_\_\_\_\_ |
| 2) 4 | 2) \_\_\_\_\_\_\_\_\_\_\_ |
| **Write the decimal as a fraction or mixed number in simplest form.**  3) 7.625 | 3) \_\_\_\_\_\_\_\_\_\_\_ |
| 4) –0.7 | 4) \_\_\_\_\_\_\_\_\_\_\_ |
| **Complete the statement using <, >, or =.** (1pt each)  5) | 5) \_\_\_\_\_\_\_\_\_\_\_ |
| 6) | 6) \_\_\_\_\_\_\_\_\_\_\_ |
| 7) You spend 1 hours hiking and an additional hour to rest. How much time did you spend in total? | 7) \_\_\_\_\_\_\_\_\_\_\_ |
| **Add or subtract. Write fractions in simplest form.**  8) | 8) \_\_\_\_\_\_\_\_\_\_\_ |
| 9) | 9) \_\_\_\_\_\_\_\_\_\_\_ |
| 10) 15.36 + –12.095 | 10) \_\_\_\_\_\_\_\_\_\_ |
| 11) –5.9 – –4.46 | 11) \_\_\_\_\_\_\_\_\_\_ |
| **Find the distance between the two numbers on the number line.**  12) | 12) \_\_\_\_\_\_\_\_\_\_ |
| **Find the distance between the two numbers on the number line.**  13) | 13) \_\_\_\_\_\_\_\_\_\_ |
| 14) The table shows the changes in rainfall (in inches) from the monthly average of four months. What is the mean change?   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Month | May | June | July | Aug. | | Change (in.) | 0.58 | 0.67 | 2.12 | 2.67 | | 14) \_\_\_\_\_\_\_\_\_\_ |
| 15) You buy a bag of Halloween candy for $11.59 and a pumpkin for $3.75. How much more did the candy cost than the pumpkin? | 15) \_\_\_\_\_\_\_\_\_\_ |
| **Evaluate. Write fractions in simplest form.**  16) | 16) \_\_\_\_\_\_\_\_\_\_ |
| 17) 1.7 |3.5| .3 | 17) \_\_\_\_\_\_\_\_\_\_ |
| 18) | 18) \_\_\_\_\_\_\_\_\_\_ |
| **Evaluate. Write fractions in simplest form.**  19) | 19) \_\_\_\_\_\_\_\_\_\_ |
| 20) | 20) \_\_\_\_\_\_\_\_\_\_ |
| 21) | 21) \_\_\_\_\_\_\_\_\_\_ |
| 22) A recipe calls for 5 cups of sugar. You have 5 cups of sugar. Do you have enough sugar? Explain how you found your answer  Answer:   |  | | --- | |  | |  | |  | | |
| 23) A 12.8gallon aquarium is full. How many more gallons of water does it take to fill the aquarium? | 23) \_\_\_\_\_\_\_\_\_\_ |
| 24) How many 0.35-ounce packages of cinnamon can be made with 5.25 ounces of cinnamon? | 24) \_\_\_\_\_\_\_\_\_\_ |