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

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

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| **Write the rational number as a decimal.** (2pt each)1) $-\frac{7}{8}$ | Answers1) \_\_\_\_\_\_\_\_\_\_\_ |
| 2) 4$\frac{5}{9}$ | 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) $-2\frac{3}{8} ∎--2\frac{1}{4}$ | 5) \_\_\_\_\_\_\_\_\_\_\_ |
| 6) $-5.67 ∎ -5.76$ | 6) \_\_\_\_\_\_\_\_\_\_\_ |
| 7) You spend 1$\frac{2}{5}$ hours hiking and an additional $\frac{9}{10}$ hour to rest. How much time did you spend in total? | 7) \_\_\_\_\_\_\_\_\_\_\_ |
| **Add or subtract. Write fractions in simplest form.** 8) $-7\frac{3}{4}+ -2\frac{1}{3}$ | 8) \_\_\_\_\_\_\_\_\_\_\_ |
| 9) $-6\frac{1}{4} - -4\frac{9}{10}$ | 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?

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| 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) $3\frac{1}{5} - -\frac{7}{2} + -1$ | 16) \_\_\_\_\_\_\_\_\_\_ |
| 17) 1.7 $-$ |3.5| $-$ $-9$.3 | 17) \_\_\_\_\_\_\_\_\_\_ |
| 18) $7.452 ÷ -0.12$ | 18) \_\_\_\_\_\_\_\_\_\_ |
| **Evaluate. Write fractions in simplest form.** 19) $-4\frac{1}{7} × 5\frac{1}{4}$ | 19) \_\_\_\_\_\_\_\_\_\_ |
| 20) $(-\frac{4}{5})^{2} - \frac{1}{3}(3\frac{1}{2})$ | 20) \_\_\_\_\_\_\_\_\_\_ |
| 21) $0.3(-10.5)-6.86$ | 21) \_\_\_\_\_\_\_\_\_\_ |
| 22) A recipe calls for 5$\frac{1}{2}$ cups of sugar. You have 5$\frac{5}{8}$ cups of sugar. Do you have enough sugar? Explain how you found your answerAnswer:

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| 23) A 12.8gallon aquarium is $\frac{3}{4}$ 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) \_\_\_\_\_\_\_\_\_\_ |