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| Name Date | | | | |
| Adding & Subtracting Rational Numbers Practice Test  Chapter 1a | | | | |
| **Name the property of addition shown by each statement.** | | | | Answers |
| 1.  2. | | | | 1. \_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Evaluate each expression.** | | | |  |
| 3. | 4. | | 5. | 1. \_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_ 3. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Evaluate each expression. Be sure you check the operations. Simplify ALL fractions.** | | | |  |
| 6. | | 7. | | 1. \_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8. | | 9. | | 1. \_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 10. | | 11. | | 1. \_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_ |
| 12. | | 13. | | 1. \_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_ |
| 14. | | 15. | | 1. \_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_ |
| **Answer each story context. Don’t forget the units!** | | | |  |
| 16. The temperature at St. Louis, Missouri, is 31°F. The temperature at Duluth, Minnesota, is -29°F. Is the temperature at St. Louis or Duluth closer to 0°F?  **17.** Luisa is 43 feet underground touring a cavern. She climbs a ladder up 14 feet. What is her new location?  **18.** Tony has $360 in his savings account. His bank statement showed two transactions. A withdrawal of -$45 and a deposit of $25. What is the balance in his savings account after the two transactions?  **19.** The highest point in California is Mount Whitney at 14,494 feet above sea level. The lowest point in California is in Death Valley at 282 feet below sea level. What is the difference in elevations?  **20.** On the same day, a thermometer registered -4°F in Athens and -9°F in Seattle. How much warmer was Athens than Seattle?  **21.** Sally collected aluminum for two days. On Friday morning she collected 20 cans and Friday night she collected 25 cans. On Saturday morning Sally collected 25 cans but on Saturday night only collected 20. Which property of addition verifies that Sally collected the same amount of cans each night?  **22.** You owe your mother $4.30. You earn $14.50 babysitting for a neighbor. After paying off your debt, how much money do you have?  **23.** In one month Derrick had income and expenses. He mowed a neighbor’s lawn and earned $20, bought a CD for $12.99, walked a dog and received $7, rented a movie for $3.27 and bought candy for $2.86. He received a loan from his sister for $70.00 and bought the new Call of Duty video game at $65.99. How much money does Derrick have at the end of the month?  **24.** Jessica needs  yards of fabric to make a skirt and  yards to make a coat. How much fabric does she need it all?  **25.** Harry spent  hours on homework yesterday while Sarah spent  hours on homework. How much more time did Harry spend on homework than Sequoia? | | | | 1. \_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_ 3. \_\_\_\_\_\_\_\_\_\_\_ 4. \_\_\_\_\_\_\_\_\_\_\_ 5. \_\_\_\_\_\_\_\_\_\_\_ 6. \_\_\_\_\_\_\_\_\_\_\_ 7. \_\_\_\_\_\_\_\_\_\_\_ 8. \_\_\_\_\_\_\_\_\_\_\_ 9. \_\_\_\_\_\_\_\_\_\_\_ 10. \_\_\_\_\_\_\_\_\_\_\_ |