Math 7 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_

**Review: Rational Numbers**

1. **Evaluate each expression if a = -1, b = 2 and c = 1**

1. 3a – bc b. -2ab-2c

c. a2 + 4b + c d. (abc)2

**Solve:**

1. The temperature in Huntington was 19.20 C during the day. At night the temperature was -5.10C. What is the difference in the temperature? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. During a week, the stock of Google had the following daily changes in price: Monday, up 7 points, Tuesday, down 3 points, Wednesday, up 2 points, Thursday, up points and Friday, down of a point. What was the net change in price of the stock for the week?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Perform the indicated operation. Write your answer in simplest form. Box your answer.**

1. + 5. +

6. + (-2 ) 7. -6.5 + 2.25

8. -10.24 – (-3.71) 9.

10. - 11. -

12. ● 13. -4 ● (-2 )

14. ( -3.1 )(4.06) 15. ÷

16. – 3 ÷ (-4) 17. -0.25 ÷ 0.05

**Match the property with the given example:**

18. 3(a + 5) = 3 ● a + 3● 5 \_\_\_\_\_\_ a. Associative of +

19. -3 + 0 = -3 \_\_\_\_\_\_ b. Distributive

20. 2 + (5 + 3) = (2 + 5) + 3\_\_\_\_\_ c. Commutative of +

21. 4 + 3 = 3 + 4 \_\_\_\_\_ d. Additive Identity

22. 2(5b) = (5b)2\_\_\_\_\_\_ e. Multiplicative Identity

23. 10 • 1 = 10 \_\_\_\_\_\_\_ f. Commutative of •

**True or False:**

24. \_\_\_\_\_\_\_\_\_\_\_

25. \_\_\_\_\_\_\_\_\_\_

26. -32 = 9 \_\_\_\_\_\_\_\_\_\_\_

27. x + (- 7) = x – 7 \_\_\_\_\_\_\_\_