Review Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 1 Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_\_\_\_\_\_

1. Jocelyn makes x dollars per hour working at the grocery store and n dollars per hour babysitting. Write an expression that describes her earnings if she babysat for 25 hours and worked at the grocery store for 15 hours.

2. Which property is shown? (8 + 7) x 2 = 8 x 2 + 7 x 2

3. Draw a zero pair. What does it mean to have zero pair?

4. Simplify each:

 a) b) 

5. Identify the properties

 A. If a = b and b = c, then a = c. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 B. If a = b, then a x c = b x c. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 C. (6 + 4) + 8 = 6 + (4 + 8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 D. If a = b, then b = a. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Jim kept a record of the weekly balance in his checking account. The balances for the last

 four weeks were $ -8, $28, $54, and $13. What is the difference between the highest and

 lowest balance?

7. List and explain the order of operations.

8. Simplify each expression.

 a) $2\left(3+5\right)∙(2^{2}-3)$ b) $\frac{32÷4}{2^{2}-7}$ c) $14-3^{2}÷2$

9. Simplify: 

*Simplify the following*

12. - 1 + - 12 14. 6 - - 2 15. $-2∙ -5$

16. $8∙ -3$ 18. $-18÷3$ 19. $100÷-2$

 Simplify the following:

 20.  21. 

$$22. \frac{-2}{3} ∙ \frac{3}{7} 23. \frac{2}{3} ÷ \frac{3}{5} $$

24. Jane practices the piano for $5\frac{1}{2}$ hours each week. How many hours does she practice in a month?