Name   Math 7 Ch 2   Holt

Date

Definitions

1.   Integers

2.   Rational Numbers

3.   Proper fraction

4.   Mixed Number

5.   Greatest Common Factor

6.   Write the algorithm for subtracting two integers.

7.   Order the numbers from least to greatest. $-6/5$, $4/5$, 2, 0, -0.8, 1, 0.3

8.   Simplify.
      a. $|8| =$ b. $|-12| =$

9. Simplify. $5 + (-6)$

10. Simplify. $-8 - 7$

11. Simplify. $-7 - (-12)$

12. Simplify. $(-4)(-5)(-2)$

13. Simplify.** $\dfrac{4(-5)}{-2^2}$

14. Solve for x; $x + 23 = 3$

15. Solve for x; $-7x = 28$

16. Draw a model to show that $3 + (-5) = -2$

17. Write the prime factorization of 48 and explain why you used those steps to rite 48 in prime factors.

18. Find the GCF of 32 and 24.

19. Find the LCM of 18 and 24.

20. Convert 52/3 to an improper fraction

21. Convert to a fraction in simplest form.
    a.   .8   b.   .103

22. Convert to a decimal.
    a.   3/5   b.   1/3

23. The balance of Bob's bank account was $22.00 at the beginning of the month. He wrote two checks, one for $9.00 the second for $15.00 and he made a deposit of $10.00. What was his balance after these transactions?

24. Write 6.23×10^{-7} in standard form.

25. Identify the property represented.

$$4(5 + 2) = 4(5) + 4(2)$$