

## Practice Sheet #4

Name \_\_\_\_\_

Solve. Show your work.

1. $8+3(5-7)^3 =$	6. $-7.27 \cdot 5.3$
2. $\frac{4+5 \cdot 3-9}{3 \cdot 5-7} =$	7. Order from least to greatest. $\frac{4}{5}, -2.7, \frac{7}{8}, -2\frac{2}{3}$
3. $-4\frac{2}{9} \cdot 3\frac{3}{8} =$	8. $-5x = -35$
4. $-5\frac{2}{3} \div -\frac{34}{9} =$	9. $x - 7 = -15$
5. $-23.73 \div 3.5 =$	10. $2x + 5 = 13$

11. $2x + 5 = -1$	14. Convert $2\frac{3}{7}$ into a decimal. Round to the nearest hundredths place.
12. $5 - x \leq 22$ Solve and graph the solution.	15. Convert 7.59 to a fraction. Simplify to lowest terms.
13. $3x \geq 27$ Solve and graph the solution.	16. Find 28% of 75.

For #17 and 18, the Johnson family's Eskimo Joe's bill was \$57.45.

17. If they tax is 6%, what is the total including tax?

18. If they tip 15% of the \$57.45, how much did they tip?

19. If you answered 28 out of 30 questions correctly on a quiz, what percent did you receive?

20. The original price of a shirt at Butterbean was \$32.00. If Butterbean is having a 30% off sale, what is the new price of the shirt?

21. You deposit \$300 into an account that earns 2% simple interest per year. Using the formula,  $I = Prt$ , what is the interest earned after 3 years?

22. 75% of the package of m&m's were brown. If the package has 96 m&m's, how many were brown?

23. There are 12 slices in each extra large pizza. If Bill and Fred ate 75% of a pizza and Jim and Joe share the rest of the pizza, how many pieces will Jim and Joe each get to eat?

24. What is the original price of a book that is on sale for \$12.80 and is listed as 20% off?

25. A store pays \$45 for a bike. If the markup is 30%, what is the selling price?