Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_ Core:\_\_\_\_\_

# Fraction and Decimal Study Guide

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| 1. Johnny spends 2$\frac{1}{5}$ hours on homework and another 2 $\frac{3}{4}$ hours watching a movie. How much time total did Johnny spend doing homework and watching a movie? | 2. A recipe calls for Word Problemscups of flour. If the baker wishes to make the cake 4 times as large as the original recipe, how many cups of flour should she use? | 3. Jenna purchased a 38.9 ounce bottle of syrup for Saturday morning breakfast. After six people used equal amounts of syrup, there were 10.7 ounces left. How many ounces did each person use? Final Ansrs1. \_\_\_\_\_\_\_\_\_\_\_2. \_\_\_\_\_\_\_\_\_\_\_3. \_\_\_\_\_\_\_\_\_\_\_4. \_\_\_\_\_\_\_\_\_\_\_5. \_\_\_\_\_\_\_\_\_\_\_6. \_\_\_\_\_\_\_\_\_\_\_7. \_\_\_\_\_\_\_\_\_\_\_8. \_\_\_\_\_\_\_\_\_\_ |
| 4. $ -\frac{1}{5}-(- 4\frac{7}{10}$) | 5.  | 6. (-38.2)(-3.6)  |
| 7. $-5\frac{2}{5}$ + 3$\frac{1}{2}$ =  | 8. 51.68 ÷ -1.6  | 9. -3.627 – 47.28 |
| 10.  | 11. You buy four packages of sneaker laces. You pay with a $20 bill and receive $7.36 in change. What is the price of each package?  | 12. Adam had a piece of rope that is $4\frac{3}{8}$ inches long. If he cuts off a piece of rope that is $\frac{4}{5}$ inches long, how much rope is left? |

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| 13. -14.5 – 13.681  | 14. -60.35 ÷ -0.5 | 15. -  |
|  16. Johnny purchased orange juice and apple juice for a total of $7.35. If the orange juice costs $4.15, what is the difference in price between the orange juice and apple juice?  | 17. (-24.12)(-2.6)  | 18. If you walk 2.9 miles per hour, how far will you walk in 1.3 hours? |
| 19. 24.39 ÷ 0.03 | 20. -$4\frac{3}{5}$ - 2$\frac{1}{2}$ | 21.  |