

Weekly Math # 12

Name: _____

Date Due: _____ Block: _____

YOU MUST SHOW WORK

<p>1. A small bag of potato chips weighs 0.85 ounces. What is the total weight of 12 small bags of potato chips?</p>	<p>2. Write your answer in simplest form.</p> $-1\frac{5}{7} \cdot 2\frac{1}{4} + 3.5$	<p>3. Calculator Okay A 5-lb bag of apples costs \$3.75 and an 8-lb bag of the same apple costs \$6.64. What is the difference in unit prices?</p> <p>a. \$0.07 b. \$0.08 c. \$0.12 d. \$0.10</p>	<p>4. In the school-wide recycling program, WMS students recycled $89\frac{3}{8}$ pounds of paper this year. Last year, WMS students recycled $77\frac{1}{3}$ pounds. How many more pounds has the school recycle this year compared to last year?</p>	<p>1. _____</p> <p>2. _____</p> <p style="text-align: center;">Check your signs!!</p> <p>3. _____</p> <p>4. _____</p>
<p>5. Which expression has the lowest value when $x = 50$?</p> <p>A. $\frac{1}{x}$</p> <p>B. $\frac{5}{x}$</p> <p>C. $1 - x$</p> <p>D. $10 - x$</p>	<p>6. Simplify the expression</p> $-3(2x - 5)$	<p>7. Calculate. Write your answer in simplest form.</p> $-\frac{5}{8} + \frac{3}{8}$	<p>8. Sam is paid \$6.25 per hour for 8 hours. He gave $\frac{1}{5}$ of his earnings to his brother. How much money did he have left?</p>	<p>5. _____</p> <p>6. _____</p> <p>7. _____</p> <p>8. _____</p>
<p>9. Bobby can make $\frac{3}{5}$ of a bird house in 15 minutes. At this rate how many can he make in one hour?</p>	<p>10. Solve.</p> $\left(\frac{4}{9}\right)\left(\frac{3}{5}\right) \div 2\frac{2}{5} =$	<p>11. Calculator Okay A store sells a sweater for \$44.50. The sweater was put on sale for \$33.40. By what percent was the price reduced? Round to the nearest percent.</p>	<p>12. Calculator Okay At a restaurant you order soup for \$3.75, a steak meal for \$26.00, and a soda for \$2.29. If you tip 20% of the bill, how much will you spend at the restaurant including tip?</p>	<p>9. _____</p> <p>10. _____</p> <p>11. _____</p> <p>12. _____</p>

<p>13. In a survey, 200 people were asked their favorite sport to watch on TV. 45% selected basketball, 55% selected football. How many people selected basketball as their favorite?</p>	<p>14. Which expression is equivalent to $-\frac{1}{2}\left(\frac{1}{4}x - \frac{3}{8}\right)$</p> <p>a. $-\frac{1}{8}x + \frac{3}{16}$</p> <p>b. $-\frac{1}{8}x + \frac{3}{8}$</p> <p>c. $\frac{1}{8}x - \frac{3}{16}$</p> <p>d. $\frac{1}{8}x - \frac{3}{8}$</p>	<p>15. Calculator Okay A bag contained blue and red marbles. Four friends took turns pulling marbles.</p> <p>Nicole pulled a red marble 35% of the time.</p> <p>Ashley pulled a red 6 out of 15 times.</p> <p>Kimberly pulled a red 8 out of 25 times.</p> <p>Which friend had the greatest percentage of red?</p>	<p>16. Which statement below is true?</p> <p>a. $-5 < -7$</p> <p>b. $(2)(-3) > -4 - 2$</p> <p>c. $8 + (-3) > -9 + 7$</p> <p>d. $(-26) \div 2 > \frac{24}{3}$</p>	<p>13. _____</p> <p>14. _____</p> <p>15. _____</p> <p>16. _____</p>								
<p>17. Solve.</p> $3\frac{2}{6} \div \frac{5}{18}$	<p>18. Nicholas recorded the temperature every hour from 8:00 a.m. to 1:00 p.m. The temperature at 8:00 a.m. was 17°C. The temperature dropped 4°C every hour. What was the temperature at 1:00 p.m?</p>	<p>19. Sid makes \$18.50 an hour as a librarian. His assistant makes $\frac{2}{5}$ less per hour than Sid. How much does the assistant make per hour?</p>	<p>20. Dacia made a snack mix using the ingredients listed below.</p> <p>1 $\frac{1}{4}$ c. granola $\frac{3}{4}$ c. peanuts $\frac{1}{2}$ c. raisins $\frac{1}{4}$ c. chocolate chips</p> <p>How many cups of snack mix will the recipe make?</p>	<p>17. _____</p> <p>18. _____</p> <p>19. _____</p> <p>20. _____</p>								
<p>21. Simplify.</p> $ 25 + (-12) $	<p>22. Erin had 16 oz of mozzarella cheese and 4 oz of ricotta cheese. She used $6\frac{1}{3}$ oz of mozzarella cheese and $2\frac{1}{2}$ oz of ricotta in a lasagna. What is the total amount of cheese that Erin has left?</p>	<p>23. Simplify.</p> $\frac{4^0 + 2(-3)}{5(-7 + 2)}$	<p>24. The town's average daily temperatures were recorded in the table below.</p> <table><tr><th>Number of Days</th><th>Average Temperature</th></tr><tr><td>3</td><td>-12°C</td></tr><tr><td>2</td><td>-2°C</td></tr><tr><td>5</td><td>1°C</td></tr></table> <p>What was the average daily temperature for the entire 10-day period?</p>	Number of Days	Average Temperature	3	-12°C	2	-2°C	5	1°C	<p>21. _____</p> <p>22. _____</p> <p>23. _____</p> <p>24. _____</p>
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