


Name: _____



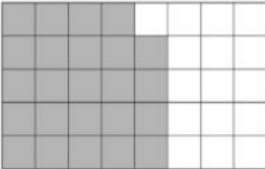
Homework #1

Score = ____/20

Directions: Each day Thursday through Wednesday (not including weekends), there are 1-4 questions to complete for homework. You may complete the work in the space provided. If you choose to work on a separate sheet of paper, record your answer in the appropriate box, and staple your separate sheet of paper to this one. **To earn full credit, you must show some work when solving equations.**

****IMPORTANT:** Go to this link and insert your answers →

Thursday	<p>Solve.</p> $4(2) + 18 - 4$	<p>Which equation is NOT true?</p> <p>A $-4 + (-3) = -7$</p> <p>B $-8(2) = -16$</p> <p>C $3 - (-2) = 5$</p> <p>D $-12 \div (-3) = -4$</p>	<p>Solve.</p> $(-6)(2) + (-8 \div 4)$	<p>Ella played a math game and had the five cards shown.</p> <table border="1" style="margin: auto;"> <tr> <td>7</td> <td>0</td> <td>-4</td> <td>2</td> <td>-10</td> </tr> </table> <p>Her score was the sum of the numbers on these five cards. What was Ella's score?</p> <p>A 3</p> <p>B 23</p> <p>C -5</p> <p>D Not here</p>	7	0	-4	2	-10
7	0	-4	2	-10					
Friday	<p>Which list shows the temperatures in order from the coldest to warmest in degrees Fahrenheit?</p> <p>A -10°F 8°F -5°F 0°F</p> <p>B -5°F -10°F 0°F 8°F</p> <p>C -10°F -5°F 0°F 8°F</p> <p>D 0°F -5°F 8°F -10°F</p>	<p>Four points are labeled on the number line.</p>  <p>Which point represents the value of $\left -\frac{1}{2}\right$?</p> <p>A Point P</p> <p>B Point Q</p> <p>C Point R</p> <p>D Point S</p>	<p>George wrote an integer. The opposite of George's integer is -53.</p> <p>Which of these statements about George's integer must be true?</p> <p>I. The integer is 53.</p> <p>II. The integer has an absolute value of -53.</p> <p>III. The integer is -53.</p> <p>IV. The integer has an absolute value of 53.</p> <p>A I and II</p> <p>B II and IV</p> <p>C II and III</p> <p>D I and IV</p>	<p>Which expression is equivalent to $\frac{8}{9} \div \frac{3}{4}$?</p> <p>A $\frac{8}{4} \cdot \frac{9}{3}$</p> <p>B $\frac{8}{9} \cdot \frac{4}{3}$</p> <p>C $\frac{9}{8} \cdot \frac{3}{4}$</p> <p>D $\frac{9}{8} \cdot \frac{4}{3}$</p>					

Monday	<p>The circles in the model represent positive and negative units.</p>  <p>Which equation is true based on the model?</p> <p>A $(-3) + 5 = -2$ B $(-3) + 5 = 2$ C $-3 + (-5) = -2$ D $3 + (-5) = 2$</p>	<p>What is the value of the expression shown?</p> $4(-2) + (-10) + 3(-8)$ <p>A -22 B -13 C 7 D -42</p>	<p>A group of 4 friends paid a total of \$50.24 for tickets to a museum. Each friend paid the same amount for a ticket. How much did each friend pay for a ticket to the museum?</p> <p>A \$200.96 B \$10.01 C \$12.01 D \$12.56</p>	<p>What is the value of $\frac{4}{15} \div \frac{2}{3}$?</p> <p>F $\frac{8}{45}$ G $\frac{14}{15}$ H $\frac{5}{2}$ J $\frac{2}{5}$</p>
Tuesday	<p>In Austin, Texas 8 bats ate 40 grams of insects in one night. At this rate, how many grams of insects could 64 bats eat in one night?</p>	<p>A barrel contained 60 gallons of water. Water leaked out of the barrel at a rate of 5 gallons every 3 days. At this rate, how many days did it take for all 60 gallons of water to leak out of the barrel?</p> <p>F 20 days G 12 days H 100 days J 36 days</p>	<p>A window washer cleaned 38 windows in 2 hours. At this rate, how many windows did he clean in 7 hours?</p>	<p>A grocery store orders 4 large containers of milk for every 7 small containers of milk. Which ratio could represent the number of large containers of milk to small containers of milk in an order from the grocery store?</p> <p>F 18:21 G 14:8 H 16:49 J None of these</p>
Wednesday	<p>A housepainter mixed 5 gal of blue paint with every 9 gal of yellow paint in order to make a green paint. Which ratio of gallons of blue paint to gallons of yellow paint will make the same shade of green paint?</p> <p>A 30 : 54 B 6 : 10 C 10 : 45 D 27 : 15</p>	<p>A baseball traveled 330 feet in 5 seconds. Which rate is equivalent to the rate at which the baseball traveled?</p> <p>A 55 feet per second B 66 feet per second C 55 seconds per foot D 66 seconds per foot</p>	<p>The rectangular model is made up of squares. Each square is of equal size. What percentage of the model is shaded?</p>  <p>F 36% G 50% H 45% J 40%</p>	<p>The shaded area on the grid represents the part of a rectangular wall that was painted. Each small square on the wall has the same dimensions.</p>  <p>What percentage of the wall was painted?</p> <p>A 64% B 24% C 60% D 16%</p>

