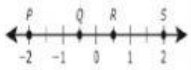
Name: _____ **Homework #1** Score = _____/20

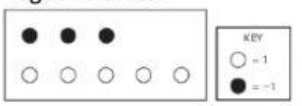
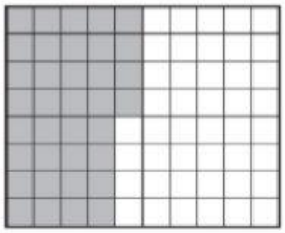
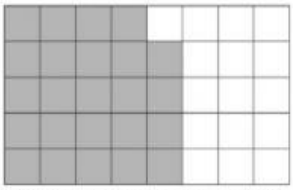
Directions: Each day Thursday through Wednesday (not including weekends), there are 1-4 questions to complete for homework. You may complete the work in the space provided. If you choose to work on a separate sheet of paper, record your answer in the appropriate box, and staple your separate sheet of 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 →

<table>
<tr>
<td>Thursday</td>
<td>Solve.
$4(2) + 18 - 4$</td>
<td>Which equation is NOT true?
A $-4 + (-3) = -7$
B $-8(2) = -16$
C $3 - (-2) = 5$
D $-12 \div (-3) = -4$</td>
<td>Solve.
$(-6)(2) + (-8 \div 4)$</td>
<td>Ella played a math game and had the five cards shown.
7 | 0 | −4 | 2 | −10
Her score was the sum of the numbers on these five cards. What was Ella's score?
A 3
B 23
C −5
D Not here</td>
</tr>
<tr>
<td>Friday</td>
<td>Which list shows the temperatures in order from the coldest to warmest in degrees Fahrenheit?
A −10°F 8°F −5°F 0°F
B −5°F −10°F 0°F 8°F
C −10°F −5°F 0°F 8°F
D 0°F −5°F 8°F −10°F</td>
<td>Four points are labeled on the number line.
 

Which point represents the value of $\left|-\frac{1}{2}\right|$?
A Point P
B Point Q
C Point R
D Point S</td>
<td>George wrote an integer. The opposite of George's integer is −53.
Which of these statements about George's integer must be true?
I. The integer is 53.
II. The integer has an absolute value of −53.
III. The integer is −53.
IV. The integer has an absolute value of 53.
A I and II
B II and IV
C II and III
D I and IV</td>
<td>Which expression is equivalent to $\frac{8}{9} \div \frac{3}{4}$?
A $\frac{8}{4} \cdot \frac{9}{3}$
B $\frac{8}{9} \cdot \frac{4}{3}$
C $\frac{9}{8} \cdot \frac{3}{4}$
D $\frac{9}{8} \cdot \frac{4}{3}$</td>
</tr>
</table>

LIVEWORKSHEETS

Monday	The circles in the model represent positive and negative units.  Which equation is true based on the model? **A** $(-3)+5=-2$ **B** $(-3)+5=2$ **C** $-3+(-5)=-2$ **D** $3+(-5)=2$	What is the value of the expression shown? $4(-2)+(-10)+3(-8)$ **A** −22 **B** −13 **C** 7 **D** −42	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? **A** $200.96 **B** $10.01 **C** $12.01 **D** $12.56	What is the value of $\frac{4}{15} \div \frac{2}{3}$? **F** $\frac{8}{45}$ **G** $\frac{14}{15}$ **H** $\frac{5}{2}$ **J** $\frac{2}{5}$
Tuesday	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?	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? **F** 20 days **G** 12 days **H** 100 days **J** 36 days	A window washer cleaned 38 windows in 2 hours. At this rate, how many windows did he clean in 7 hours?	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? **F** 18:21 **G** 14:8 **H** 16:49 **J** None of these
Wednesday	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? **A** 30 : 54 **B** 6 : 10 **C** 10 : 45 **D** 27 : 15	A baseball traveled 330 feet in 5 seconds. Which rate is equivalent to the rate at which the baseball traveled? **A** 55 feet per second **B** 66 feet per second **C** 55 seconds per foot **D** 66 seconds per foot	The rectangular model is made up of squares. Each square is of equal size. What percentage of the model is shaded?  **F** 36% **G** 50% **H** 45% **J** 40%	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.  What percentage of the wall was painted? **A** 64% **B** 24% **C** 60% **D** 16%

LIVEWORKSHEETS

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