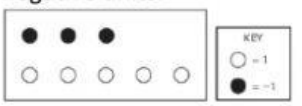
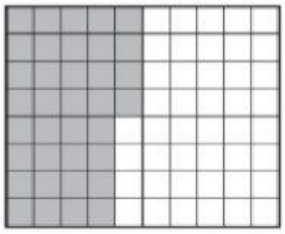
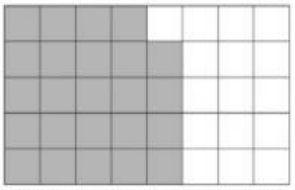
Name: _____ **Homework #1** Score = _____/20

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	Solve. $4(2) + 18 - 4$	Which equation is NOT true? **A** $-4 + (-3) = -7$ **B** $-8(2) = -16$ **C** $3 - (-2) = 5$ **D** $-12 \div (-3) = -4$	Solve. $(-6)(2) + (-8 \div 4)$	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
Friday	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	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	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	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** $\frac{9}{8} \cdot \frac{4}{3}$

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%

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