Weekly Math # 5

Name: _____

Date Due: _____ Block: _____

YOU MUST SHOW WORK

1. A youth soccer league recently held registration. The number of players was divided by 12 to form 13 equal teams. How many players registered?	**2.** $-8\frac{1}{5} + (-6.2)$	**3.** $12\frac{1}{2} \times 2\frac{4}{5}$	**4.** Simplify. $\frac{27}{48}$	**1.**_____ **2.**_____ **3.**_____ **4.**_____
5. Evaluate if $m = -6, n = -5.2$ $\lvert mn \rvert$	**6.** Which word/phrase does **NOT** mean negative? A. Withdraw B. Deposit C. Under par D. Penalty	**7.** Change the mixed number to an improper fraction. $6\frac{11}{13}$	**8.** Name the operation that should be done first. $35 + 6(3 - 18)$ A. addition B. multiplication C. division D. subtraction	**5.**_____ **6.**_____ **7.**_____ **8.**_____
9. If x = 7, y = 4 and z = 2, which statement is NOT true? A. xz > yz B. x − z > y − z C. x + z < y + z D. y < x	**10.** You buy a package of socks for $4.89, a T-shirt for $7.75, and a pair of shorts for $14.95. **To the nearest dollar**, how much change will you get back if you give the cashier $30?	**11.** A sports drink costs $1.49 per bottle. At most, how many bottles can you buy if you have $12?	**12.** Factor the expression completely. $8x - 4$	**9.**_____ **10.**_____ **11.**_____ **12.**_____

13. Divide. -5,928 ÷ 13	**14.** Evaluate if $x = -2, y = -8, z = 4$ $\frac{xy}{z}$	**15.** Solve. (3 – 15) + [23 – (–14)]	**16.** You want to buy 12 apples for $0.45 each and a box of cereal that costs $3.35. What is the total cost of your purchase?	**13.**_____ **14.** _____ **15.**_____ **16.**_____
17. Solve. $-6(13 - 27)$	**18.** The temperatures for one week in February were: **Monday -17°** **Tuesday -6°** **Wednesday -19°** **Thursday -11°** **Friday 0°** **Saturday -2°** **Sunday 5°.** Which day was the coldest?	**19.** Leo dug a hole that measured 4.05 inches deep. What is this depth as a fraction in simplest form?	**20.** You decide to take the coins that you have been saving to the bank. You count 17 pennies, 12 nickels, 8 dimes, and 10 quarters. How much money will you deposit in your account?	**17.**_____ **18.**_____ **19.**_____ **20.**_____
21. The cost of a taxi ride is $5 for the first mile and $2 for each additional mile. What is the cost of an 8 mile trip?	**22.** Simplfy. $-9(b + 3)$	**23.** Maggie solved a math problem and came up with the answer 24. Which of the following expressions did she solve? A. $2^2(6) + 8 - 6$ B. $22 + (6 \times 3^2) \div 27$ C. $15(5-3) - 12$ D. $12 + 3 \times 10 \div 2$	**24.** Which word phrase is modeled by the algebraic expression. $\frac{p}{3} + 5$ A. 3 times the total price in dollars added to $5 B. the total price in dollars divided by 5, plus $3 C. $5 more than 3 times the total price in dollars D. $5 more than the total price in dollars divided by 3	**21.** _____ **22.**_____ **23.**_____ **24.**_____