Weekly Math # 6

YOU MUST SHOW WORK

Name: _____

Date Due: _____ Period: _____

1. Solve. Write your answer in simplest form. $8\frac{7}{10} + 2\frac{3}{10}$	**2.** Evaluate. $(16 \div 4)^3 - 6$	**3.** There are 12 students that belong to the Math Club and 18 that belong to the Science Club. There are 5 students that belong to both clubs. What is the minimum number of notices that need to be printed for a joint meeting? A. 30 B. 25 C. 13 D. 7	**4.** Multiply. 11.2×4.8	**1.** _____ **2.** _____ **3.** _____ **4.** _____
5. Evaluate the expression if $\boldsymbol{a = -14}$, $\boldsymbol{b = -6}$, $\boldsymbol{c = 4}$ $-\lvert c\rvert + \lvert a + b\rvert =$	**6.** In the middle school band there are 15 clarinets. The band has 80 members. Compare the number of clarinets to the number of band members as a fraction in simplest form.	**7.** Write the next number in the pattern. 1, 4, 9, 16, 25...	**8.** Evaluate the expression if $\boldsymbol{d = 2}$, $\boldsymbol{e = 3}$ $\boldsymbol{f = 4}$ $11.2e - 10d + f^2$	**5.** _____ **6.** _____ **7.** _____ **8.** _____
9. Last week Chase worked 30 hours for $6.25 per hour. How much money did he earn? A. $180 B. $187.50 C. $190.50 D. $210	**10.** Solve. Write your answer in simplest form. $11\frac{4}{7} - 3\frac{2}{5}$	**11.** Subtract. $709.35 - 40.74$	**12.** Which group of numbers has been correctly listed from least to greatest? A. 0.023, 2.03, 0.32, 0.032 B. 2.03, 0.32, 0.023, 0.032 C. 0.023, 0.032, 0.32, 2.03 D. 0.023, 0.32, 0.032, 2.03	**9.** _____ **10.** _____ **11.** _____ **12.** _____

13. Find the quotient. $2\frac{6}{7} \div 1\frac{3}{4} =$	**14.** Find the sum. $(-14) + 12 + (-16)$	**15.** Compare using <, >, and =. $\|12\|$ ◯ 8	**16.** The 7th grade is going on a field trip to the theater. The theater has 50 rows of 48 seats in each row. Two seats in each row are reserved for teachers. How many seats are available for students to sit in?	**13.**_____ **14.**_____ **15.** < > = **16.**_____
17. Solve. $\frac{-8 + 3[-6 - (-14)]}{2}$	**18.** Convert the improper fraction into a mixed number. $\frac{103}{15}$	**19.** Solve. Simplify, if possible. $\frac{5}{12} \times \left(\frac{3}{5}\right)$	**20.** What is the additive inverse of 12? A. 0 B. 12 C. -12 D. 144	**17.**_____ **18.**_____ **19.**_____ **20.**_____
21. Change the mixed number into an improper fraction. $7\frac{5}{9}$	**22.** Start with the number of donuts in 2 dozen Plus 1 Multiply by 3 Add 5 Take half the number Plus 10 Divide by 5 Times 10 Subtract 4 You should be on an even, 2-digit number close to 100	**23.** Factor $18 - 6y$	**24.** Round 8.473 to the nearest tenths place. **Do not include zeros after the tenths place.**	**21.** _____ **22.**_____ **23.**_____ **24.**_____