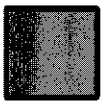
Weekly Math # 4

Name: _____

Date Due: _____ Block: _____

YOU MUST SHOW YOUR WORK!!!

1. Which number has five in the thousandths place? a. 0.2415 b. 2.563 c. 9.875 d. 3.05	**2.** **Find the quotient.** $5.775 \div 1.5 =$	**3.** Find the product. $2\frac{4}{5} \cdot \frac{5}{8} =$	**4.** Use the distributive property to simplify the given expression. $(14 - 3x)2$	**1.** _____ **2.** _____ **3.** _____ **4.** _____
5. Solve. $\frac{4 \times (12 - 5)}{2} =$	**6.** Laura bought a shirt for $21.95 and a package of gum for $0.90. She gave the clerk twenty-five dollars. How much change did she receive? Do not include tax.	**7.** Evaluate. $8[21 \div (6 + 4^0)] =$	**8.** Which expression shows *four squared* in standard form? a. 4^3 b. 16 c. 64 d. 4^2	**5.** _____ **6.** _____ **7.** _____ **8.** _____
9. The Baker's monthly grocery bill has been growing. In January the bill was $340, in February, $346, in March $354, and in April the bill was $364. If this pattern continues, what will it be in May?	**10.** Find the difference. $4\frac{1}{5} - 1\frac{3}{4} =$	**11.** Find the product. $(4.231)(12) =$	**12.** Find the quotient. ***Don't give up!** $18{,}759 \div 8 =$	**9.** _____ **10.** _____ **11.** _____ **12.** _____

13. Evaluate: $10x - 4y$ $x = 2$ $y = 1$	**14.** Find the difference. $3\frac{1}{2} - \frac{2}{9} =$	**15.** Which set is in the correct order of least to greatest? a. -9, $\|-16\|$, 10, 5 b. 10, $\|-16\|$, 5, -9 c. -9, 5, 10, $\|-16\|$ d. $\|-16\|$, -9, 5, 10	**16.** Find the area of the square if $x = 3$.  $2x$ inches a. 6 $inches^2$ b. 12 $inches^2$ c. 18 $inches^2$ d. 36 $inches^2$	**13.**_____ **14.**_____ **15.**_____ **16.**_____
17. What number is double the quotient of 32 and 4?	**18.** Which is correct? a. 9 x 4 + 3 = 63 b. 2 (4 + 3) – 6 ÷2 = 4 c. $(12 - 3) \div 3^2 = 1$ d. (5+2) x $(4 - 1)^3$ = 81	**19.** Perimeter is the measurement of distance around a shape. A scalene triangle has sides measuring $4\frac{1}{8}$ inches, $3\frac{5}{6}$ inches, and $5\frac{7}{12}$ inches. What is the perimeter of the triangle?	**20.** Evaluate. $a^3 + b - ac$ $a = 3$ $b = 8$ $c = 10$	**17.**_____ **18.**_____ **19.**_____ **20.**_____
21. Miki and Rhoda are roommates. • Miki bought $\frac{4}{7}$ of the items on her shopping list. • Rhoda bought $\frac{5}{6}$ of the items on her shopping list. Who bought a greater fraction of the items on her shopping list?	**22.** Find the quotient. $2\frac{4}{5} \div 2\frac{1}{3} =$	**23.** Determine the statement is sometimes, always or never true. *"The expression ab means the same as $a \times b$."* a. Sometimes true b. Always true c. Never true	**24.** Melanie had $3,106.12 in her bank account Wednesday. Thursday she deposited $85 and Friday she withdrew $8.25 for her lunch. What is Melanie's current bank account balance?	**21.** _____ **22.**_____ **23.**_____ **24.**_____