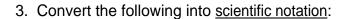
WS 1.0 Math Skills Update

1. You have 20 beads; 6 of them are red. What is the percentage of red beads?

Ans _____

Ans _____

2. A 150 gram sample of chicken soup is 2.5% chicken. How many grams of chicken are in the sample?



a. 1500 = _____

b. 123 = _____ c. 0.001012 = _____ d. 1.52 = _____ 4. Convert the following into decimal notation (ordinary notation): a. $4.59 \times 10^3 =$ _____ b. $5 \times 10^2 =$ c. $280 \times 10^{-4} =$ d. -1.4 x 10⁵ = ____ 5. Solve the following equation: 4x - 2 = 30x = _____ 6. Given that |PV=nRT| solve (rearrange) the equation for T. T = _____ 7. Given the equation: $\left| \frac{c}{3a} \right| = 4b$ a = 7, b = 2, solve for c. C = _____ 8. Given the equation: solve for d. а С b d d = ANS (IRO): -140000, 0.028, 1.012×10^{-3} , 1.52×10^{0} , 3.75, 8, 30, 1.23×10^{2} , 168, 500, 1.5×10^{3} , 4590