

Math 097 Brush-Up Lesson

3. c. $(4.2 \times 10^{12}) \div (6.0 \times 10^{-7})$

4. Solve the Proportion Equation.

a. $\frac{5}{x-3} = \frac{3}{x-1}$

b. $\frac{x-2}{x-2} = \frac{7}{3}$

5. Set-up and Solve the Proportion Application problems.

a. 200 mg is the dose of ibuprofen for a 160 lb male. Find the dose for a 225 lb male.

b. A sample of 60 deer are caught, tagged, and released in Ocean Shores. Two months later, a sample of 94 deer is caught in Ocean Shores and 4 have tags. Estimate the deer population size in Ocean Shores.