

Math 35 MW Worksheet 7

1. Evaluate:

a. $\sqrt{0.0009}$

b. $\frac{-1}{0.008}$

c. $(-12.9)\frac{5}{6} + \frac{3}{4}$

2. Round 165.4398 to the nearest thousandth.

3. Round \$35.39 to the nearest dollar.

4. Simplify:

a. $(1.2x^3 - 7.1x + 0.4) - (3.1x^3 - 6x^2 + 8.9x + 1.3)$

b. $-6.8(0.02x^3 - x + 0.3)$

5. Solve:

a. $8 + x = 2.19$

b. $-0.88x = 1.408$

c. $\frac{5}{3} = \frac{10}{x}$

6. A computer screen measures 6 inches by 8 inches. What is the length of its diagonal?