

Math 70 Quiz #4 Answers

1. (a) $3.4(-7) = \boxed{-23.8}$

(b) $-12.4(-10,000) = \boxed{124,000}$

(c) $(-\frac{1}{2})(-4)(-\frac{3}{5}) = -\frac{12}{10} \boxed{-\frac{6}{5} \text{ or } -1\frac{1}{5}}$

(d) $-41.5 \div 1000 = \boxed{-0.0415}$

(e) $\frac{-\frac{1}{3}}{-\frac{10}{7}} = -\frac{1}{3}(-\frac{7}{10}) = \boxed{-\frac{7}{30}}$

(f) $(-10)^3 = -10(-10)(-10) = \boxed{-1000}$

(g) $7 \cdot 3 - 2(4 - 6)^2 = 7 \cdot 3 - 2(-2)^2$
 $= 7 \cdot 3 - 2(4)$
 $= 21 - 8$
 $= \boxed{13}$