

MTH 111 Chapter 2 Graded Homework

Answer Key

2.1 #38 $(-19)+(-12)$ -31	2.2 #50 $50. (-3) + (-4) + (+7) - (-2) - (+6)$ -4	2.3 #50 $50. (-6)(-2)(-4)(-1)(-2)(+2)$ -192
2.3 #76 $(120) \div (-6)$ -20	2.4 38 $38. \left(\frac{-4}{9}\right) \div (-2)$ $\frac{2}{9}$	2.5 #22 $22. \frac{10^0 \cdot 10^{-3}}{10^{-6} \cdot 10^3}$ 1
2.6 #14 0.0000007 7×10^{-7}	2.6 #16 4,500,000,000 4.5×10^9	2.6 #26 4.91×10^{-6} 0.00000491
2.6 #34 7×10^8 700,000,000	2.6 #64 $64. \frac{(5 \times 10^4)(3 \times 10^{-5})(4 \times 10^6)}{(1.5 \times 10^6)(2 \times 10^{-11})}$ 2×10^{11}	2.6 #82 3 sig figs: $82. \left(\frac{0.259 \times 6300}{866 \times 0.013}\right)^{10}$ 4.09×10^{21}