SCH3U - Exponent and Scientific Notation Practice

$W = 2.33 \times 10^{2} kg \times 9.80 \times 10^{-3} km/s^{2} \times 1.34 \times 10^{8} m$

$(3.06 \times 10^{11} \frac{kg\ m^{2}}{S^{2}})$

$$T = \frac{3.55 \times 10^{2} J}{4.12\ J/kg\ ^{o}C \times 1.22 \times 10^{2} kg}$$

$(7.06 \times 10^{-1}\ ^{o}C)$

$$F = \frac{(6.6726 \times 10^{-11} N \cdot m^{2}/kg^{2}) \times (2.457 \times 10^{12}\ kg) \times (1.02 \times 10^{2}\ kg)}{(2.68 \times 10^{14}\ km)^{2}}$$

$(2.33 \times 10^{-31}\ N)$