# Section 9.2

**9.2.1** Compute the value of the following expressions:

    **a.** $46^{30} \mod 9 = 1$

    **b.** $38^7 \mod 3 = 2$

    **c.** $[72 \cdot (-65) + 211] \mod 7 = 4$

    **d.** $[77 \cdot (-65) + 147] \mod 7 = 0$

    **e.** $44^{12} \mod 6 = 2$

    **f.** $17^{12} \mod 3 = 2$