**Attendance Quiz # 11 for Dr. Z.'s Number Theory Course for Oct. 10, 2013**

**NAME:** (print!) _____

**E-MAIL ADDRESS:** (print!) _____

**1.** Using the first way, find the unique $x$ between 0 and 20 such that

$$x \equiv 2 \pmod{3} \quad , \quad x \equiv 4 \pmod{7} \quad .$$

**2.** Using the second way (the formula) find the unique $x$ between 0 and 62 such that

$$x \equiv 4 \pmod{7} \quad , \quad x \equiv 2 \pmod{9} \quad .$$