Name: ________________________________________________________________

Problem 1. (6 pts.) Evaluate the following expressions:

(a) \(10 \pmod{3} = \) ______________ 
(b) \(15 \pmod{2} = \) ______________ 
(c) \(27 \pmod{12} = \) ______________ 
(d) \(-5 \pmod{11} = \) ______________ 
(e) \(3 \pmod{8} = \) ______________ 
(f) \(0 \pmod{13} = \) ______________ 

Problem 2. (4 pts.) Today is Monday.

(a) What day of the week will it be 20 days from now? ______________ 

(b) What day of the week will it be 100 days from now? ______________