

Topic 4: F.BF 2 Exit Slip

Name _____ Period _____ Date _____

1. Given the sequence: 1, 4, 7, 10, ... which is defined explicitly by the formula $a(n) = 3n - 2$. Determine the recursive equation for sequence.

2. The temperature during a heat wave starts at 72° and increases 3° per day over the course of 12 days. Write an explicit formula to represent the temperature on the n^{th} day. On which day will the temperature reach 100° ?