Name_____ Date_____

Comparing Yemi and Sani's Spending

- Yemi has saved $105 and will spend $8 each day.
- Sani has saved $90 and will spend $5 each day.

1. Complete the tables showing how much money each child will have left at the end of the first 7 days.

Yemi

Day number	Money left ($)
0	
1	
2	
3	
4	
5	
6	
7	

Sani

Day number	Money left ($)
0	
1	
2	
3	
4	
5	
6	
7	

Name_____ Date_____

(**Algebra**
Unit 1 Line Master 6b) **Comparing Yemi and Sani's**
Spending (cont'd)

2. a) What is the initial value of the pattern representing
   Yemi's spending?

   b) What is the constant change in the pattern?

   c) Write an equation describing how much money, *y*,
      Yemi has left after *x* days.

   d) Repeat parts a) to c) for the pattern representing
      Sani's spending.

**Algebra
Unit 1 Line Master 6c** # Comparing Yemi and Sani's Spending (cont'd)

3. a) On what day do Yemi and Sani have the same amount of money left? How do you know?

b) How much money does each child have?