Comparing Yemi and Sani’s   
 Spending

**Algebra   
Unit 1 Line Master 6a**

* 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.

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

Yemi Sani

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

Comparing Yemi and Sani’s   
 Spending (cont’d)

**Algebra   
Unit 1 Line Master 6b**

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.

Comparing Yemi and Sani’s   
 Spending (cont’d)

**Algebra   
Unit 1 Line Master 6c**

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?