**Patterning and Algebra**

**Unit 1 Line Master 1a**

Buying Video Games

In 14 weeks, Zac earned $504 to buy some video games for   
a children’s hospital. Each game costs $64.

Complete the table to show how many games Zac can buy.

|  |  |  |
| --- | --- | --- |
| **Number of Games Bought** | **Total Money Spent ($)** | **Money Left Over ($)** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Write a pattern rule and an algebraic expression for   
the total money spent.

Is it an increasing or a decreasing pattern?

**Patterning and Algebra**

**Unit 1 Line Master 1b**

Buying Video Games (cont’d)

Write a pattern rule and an algebraic expression for   
the money left over.

Is it an increasing or a decreasing pattern?

How many video games can Zac buy?   
Is there money left over? Explain.