**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 ($)** | **Money Left Over ($)** |
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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.