

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, n	Total Money Spent (\$), S	Money Left Over (\$), L

Write a rule and algebraic expression that relate the number of games and the total money spent.

Is it an increasing or a decreasing function?

Name _____ Date _____

Patterning and Algebra
Unit 1 Line Master 2b

Buying Video Games (cont'd)

Write a rule and algebraic expression that relate the number of games and the money left over.

Is it an increasing or a decreasing function?

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