

Magic Vase



Name _____

Date _____

You're planting in the garden and uncover a vase buried in the soil. After cleaning the vase, you place it on your bedside table. You notice something shiny in the vase before you go to sleep. You pull out a handful of pennies and count them up. There are 6 pennies in the vase. When you check the vase at the end of the second day, you count 12 pennies. At the end of Day 3, you count 18 pennies. How many pennies will be in the vase after 10 days? 25 days? 100 days? Can you come up with a rule to find the number of pennies in the vase on any day?

Answer the question using pictures, words, tables, graphs, and/or symbols.