

# Lesson , Part 1 Homework Practice

## Constant Rate of Change

Determine whether the relationship between the two quantities described in each table is linear. If so, find the constant rate of change. If not, explain your reasoning. **BE SURE TO SEE WHAT HAPPENS AT TIME 0!!**

1. Fabric Needed for Costumes

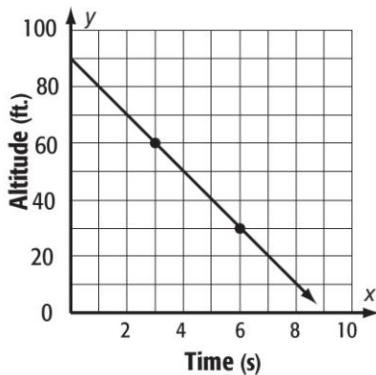
Number of Costumes	2	4	6	8
Fabric (yd)	7	14	21	28

2. Distance Traveled on Bike Trip

Day	1	2	3	4
Distance(mi)	21.8	43.6	68.8	90.6

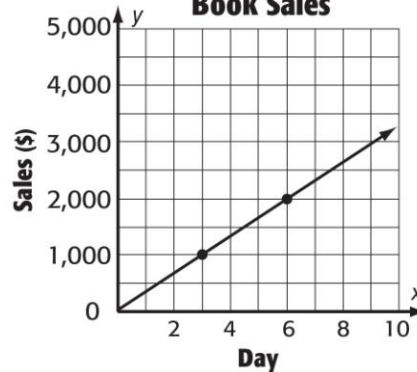
For Exercises 3 and 4, refer to the graphs below.

3. **Hawk Diving Toward Prey**



a. Find the constant rate of change and interpret its meaning

4. **Book Sales**



a. Find the constant rate of change and interpret its meaning.