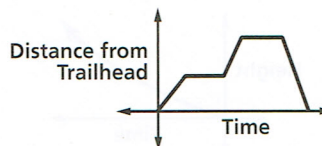
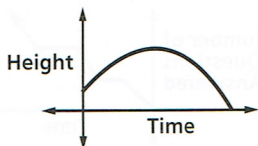


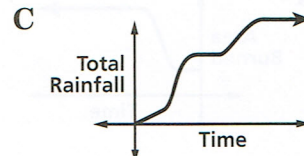
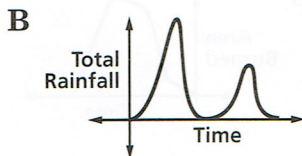
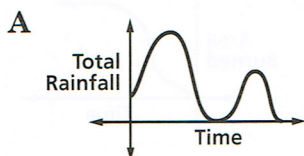
# 1-8 Skills Practice

## Graphs and Functions

- The graph below represents the path of a football thrown in the air. Describe what is happening in the graph.
- The graph below represents a puppy exploring a trail. Describe what is happening in the graph.



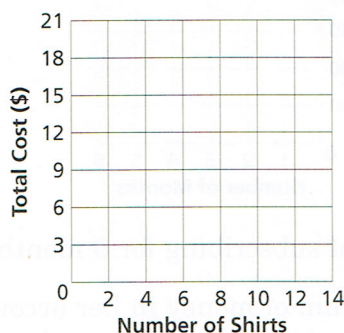
- WEATHER** During a storm, it rained lightly for a while, then poured heavily, and then stopped for a while. Then it rained moderately for a while before finally ending. Which graph represents this situation?



**LAUNDRY** For Exercises 4–7, use the table that shows the charges for washing and pressing shirts at a cleaners.

Number of Shirts	2	4	6	8	10	12
Total Cost (\$)	3	6	9	12	15	18

- Identify the independent and dependent variables.
- Write the ordered pairs the table represents.
- Draw a graph of the data.



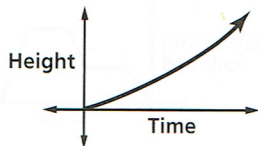
- Use the data to predict the cost for washing and pressing 16 shirts.

Lesson 1-8

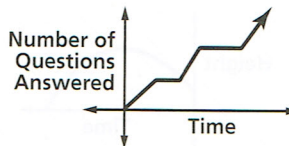
# 1-8 Practice

## Graphs and Functions

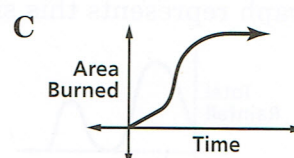
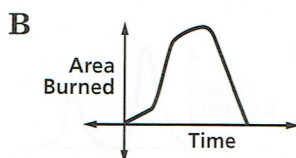
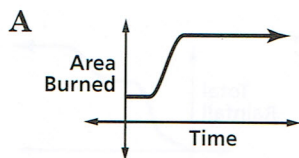
1. The graph below represents the height of a tsunami (tidal wave) as it approaches shore. Describe what is happening in the graph.



2. The graph below represents a student taking an exam. Describe what is happening in the graph.



3. **FOREST FIRES** A forest fire grows slowly at first, then rapidly as the wind increases. After firefighters answer the call, the fire grows slowly for a while, but then the firefighters contain the fire before extinguishing it. Which graph represents this situation?

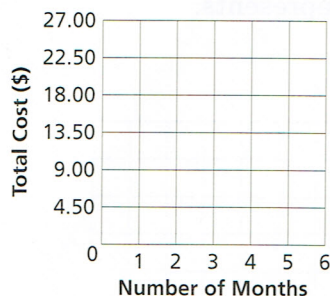


**INTERNET NEWS SERVICE** For Exercises 4–6, use the table that shows the monthly charges for subscribing to an independent news server.

Number of Months	1	2	3	4	5
Total Cost (\$)	4.50	9.00	13.50	18.00	22.50

4. Write the ordered pairs the table represents.

5. Draw a graph of the data.



6. Use the data to predict the cost of subscribing for 9 months.

7. **SAVINGS** Jennifer deposited a sum of money in her account and then deposited equal amounts monthly for 5 months, nothing for 3 months, and then resumed equal monthly deposits. Sketch a reasonable graph of the account history.

