

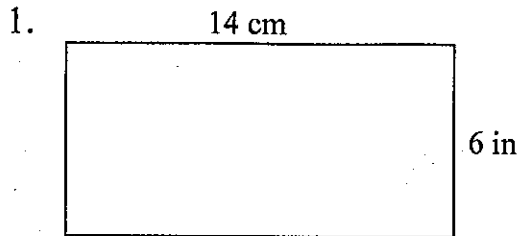
**STANDARDS**

Power Standard: 5.G.1 Calculate the perimeter of regular and irregular polygons

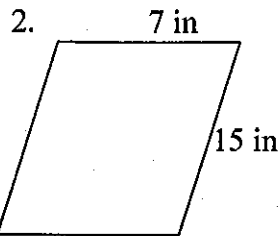
Name \_\_\_\_\_

**Skill 24: Finding the Perimeter of Polygons**

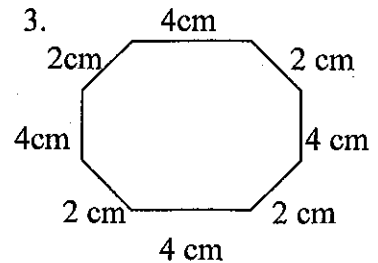
For numbers 1-3 find the perimeter of each figure.



P = \_\_\_\_\_



P = \_\_\_\_\_



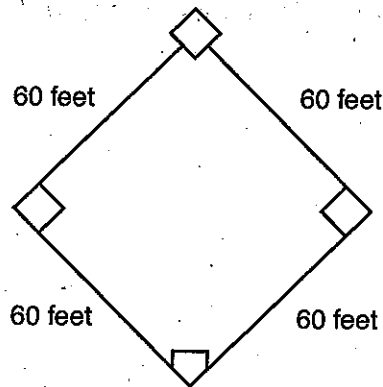
P = \_\_\_\_\_

4. What is the perimeter of a parallelogram with side lengths of 6 inches and 13 inches?

perimeter of parallelogram =  $(2 \times s_1) + (2 \times s_2)$

- A 19 inches
- B 25 inches
- C 32 inches
- D 38 inches

5. A Little League baseball diamond is a square with 60 feet between bases.



How many feet does a baseball player run after hitting a home run (running once around the diamond)?

- A 60 feet
- B 120 feet
- C 240 feet
- D 960 feet

**STANDARDS**

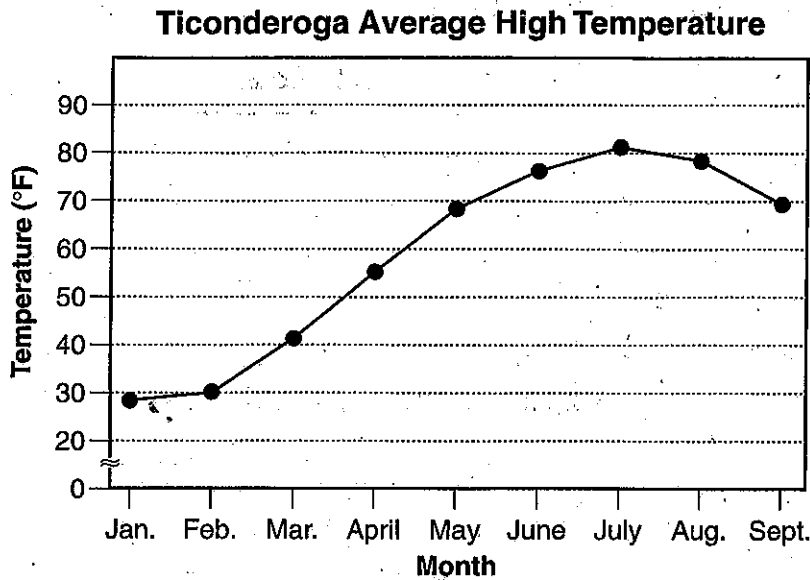
Power Standard: 5.S.4 Formulate conclusions and make predictions from graphs

Name \_\_\_\_\_

**Skill 37: Formulate conclusions and make predictions from graphs.**

**Directions:** Use the following information to answer Numbers 1 through 5.

The line graph below shows the average high temperatures in Ticonderoga for January through September.



1. What is the average high temperature in February? \_\_\_\_\_
2. What is the difference between the average high temperature in August and in March?  
\_\_\_\_\_
3. Alfonso is going on vacation to Ticonderoga in October and does not know what type of clothes he should pack. Based on the line graph above, what advice would you give him?  
\_\_\_\_\_  
\_\_\_\_\_

4. During what month is the average high temperature 76°F?  
A. May  
B. June  
C. July  
D. August

5. Between what two months is there the **smallest increase** in the average high temperature?  
A. January and February  
B. March and April  
C. May and June  
D. June and July

**STANDARDS**

Power Standard: 5.S.2 Display data in a line graph to show an increase or decrease over time

EDM:

Name \_\_\_\_\_

**Skill 38: Display data in a line graph to show an increase or decrease over time**

*Use the graph below to solve problems 1-3.*

Rodrigo kept track of snowfall in his town for six months. He displayed his data in this line graph.

1. What month had the least amount of snow fall?

\_\_\_\_\_

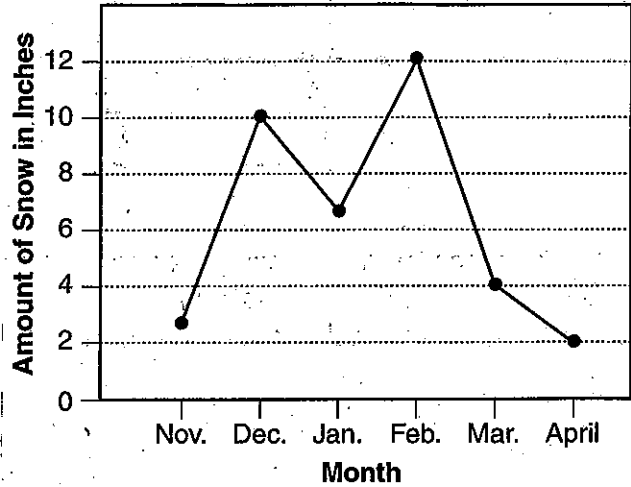
2. Between what two months did the greatest difference in snowfall amounts occur?

\_\_\_\_\_

3. How many inches of snow fell in December and January combined?

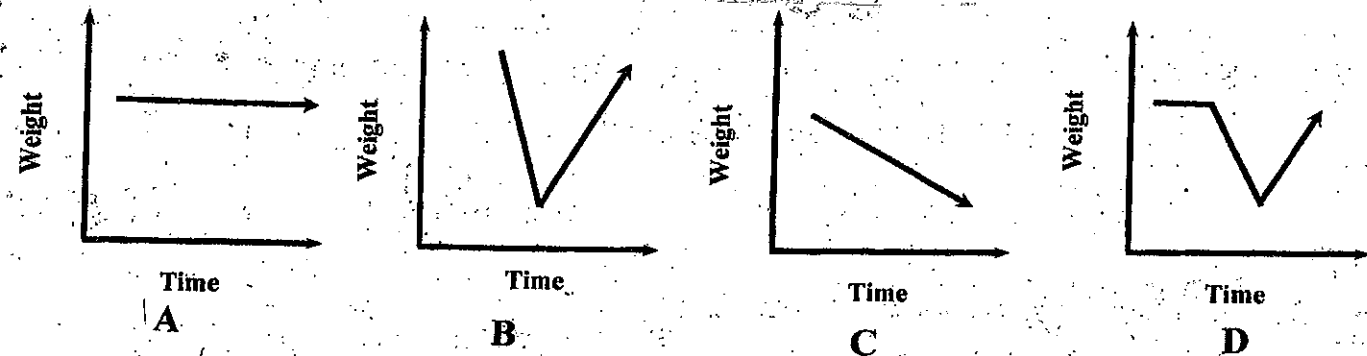
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**Monthly Snowfall**



**My friend's weight stays the same all the time.**

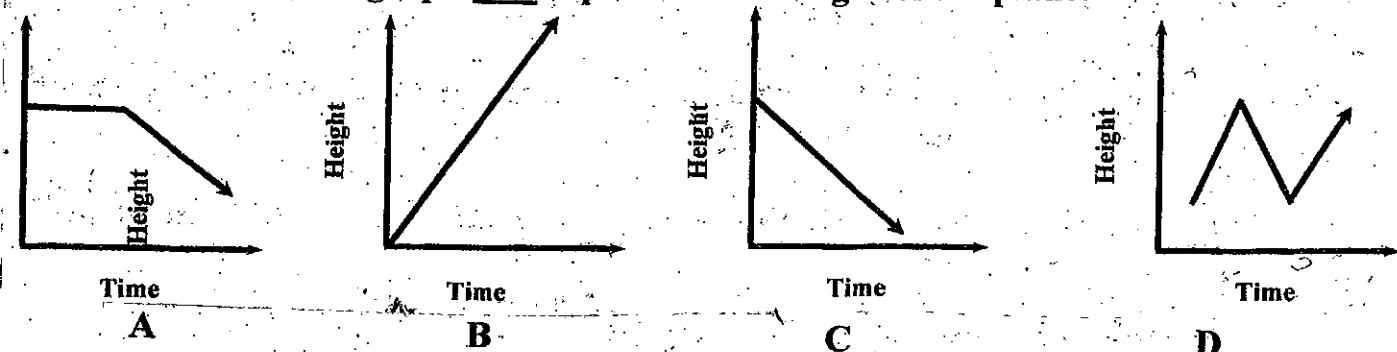
**Which line graph best represents my friend's weight over time?**



5.

**The corn plant grew quickly in the first month after planting.**

**Which line graph best represents the height of the plant?**



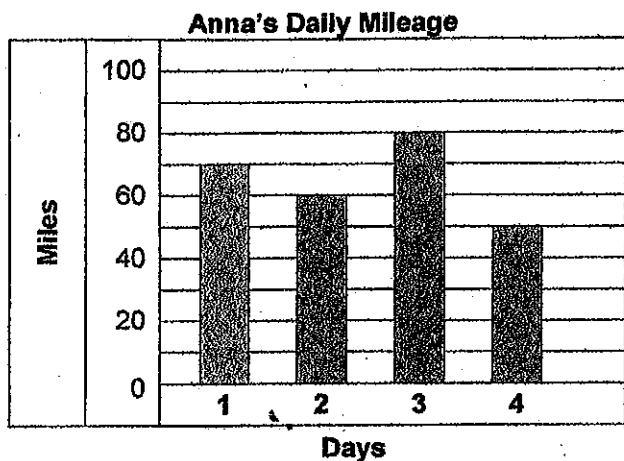
**STANDARDS**

Power Standard: 5.S.1 Collect and record data from a variety of sources (e.g., newspapers, magazines, polls, charts, and surveys)

Name \_\_\_\_\_

**Skill 40: Collect and record data from a variety of sources**

This graph shows the number of miles Anna rode her bike each day for four days.



About how many more miles did Anna ride on Day 3 than on Day 1?

- A. 20 miles
- B. 10 miles
- C. 30 miles
- D. 5 miles

2.

Lincoln School  
Pets of third graders

Class	Dogs	Cats
3-101	10	5
3-102	12	4
3-103	14	3

Which statement is true based on the chart above?

- A. More children in the Lincoln School have cats.
- B. More children in the Lincoln School have dogs.
- C. Some children in the Lincoln School have birds.
- D. The children in the Lincoln School have an equal number of cats and dogs.

Answer: \_\_\_\_\_

**STANDARDS**

**Power Standard: 5.S.1** Collect and record data from a variety of sources (e.g., newspapers, magazines, polls, charts, and surveys)

Name \_\_\_\_\_

**Skill 40: Collect and record data from a variety of sources**

3. Connie and Jean want to find out what their classmates favorite snacks are. They decided to conduct a survey. Connie wants to ask each classmate, "What is your favorite snack?" Jean wants to ask each classmate, "Do you like fruit, crackers, or popcorn best for a snack?" Which question should they use in their survey?

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4. Xavier wants to know how many times a coin will land heads up out of 10 flips. How can he find out the answer to his question?

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5. Write a survey question that could be used to collect data about your classmates' families.

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