

*(Math Questions – both with and without calculator – can be found on subsequent pages)*

### Writing

Read the topic in the box below and write a well-organized composition of about 100-150 words. Be sure to follow the suggestions listed under the box.

#### Writing Topic

Write a story for your classmates. Imagine that you are a carrot that has just been pulled from the garden.

Before you begin to write, think about the fun things that could happen to you as you travel from the farm to the grocery store. Think about the people you would meet and the things you would see.

**Now write a story for you classmates about what happens when you are a carrot that has just been pulled from the garden.**

- Your story should have at least two paragraphs.
- Be sure your story has a beginning, a middle, and an end.
- Give specific details and enough information so that your classmates will understand what happened.
- Be sure to write clearly.
- Check your writing for correct spelling, punctuation, and grammar.

### Mathematics (No Calculator)

**Mark only one answer for each question. You may NOT use a calculator for this session.**

1. Alex opened a packet of cabbage seeds. He gave 5 seeds to **each** of his 4 friends. He has 2 seeds left for himself. How many seeds were in the package?  
  
A. 7  
B. 22  
C. 20  
D. 11
  
2. Lauren has a basket of carrots. She divided the carrots equally among her 4 friends. How many carrots **could** have been in the basket?  
  
A. 18  
B. 12  
C. 15  
D. 22
  
3. If Hannah plants her 30 seeds of corn into rows with 6 seeds in each row, how many rows will she have?  
  
A. 5  
B. 4  
C. 24  
D. 36
  
4. It will take Amy thirteen bites to eat her carrot. She has taken 6 bites so far. About how much of the carrot has she eaten?  
  
A. about 25%  
B. about 50%  
C. about 75%  
D. about 100%

5. Anna is increasing the number of potatoes she eats each day according to the pattern shown.

Number of Potatoes Eaten			
Monday	Tuesday	Wednesday	Thursday
1	3	5	7

How many potatoes will she eat on Friday?

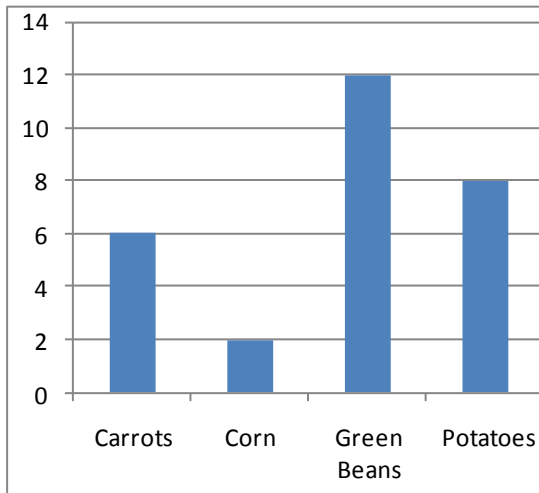
- A. 12
- B. 16
- C. 9
- D. 8

6. Mr. Pete's class planted a garden of 4 different kinds of vegetables. The chart below shows how much of each vegetable they planted.

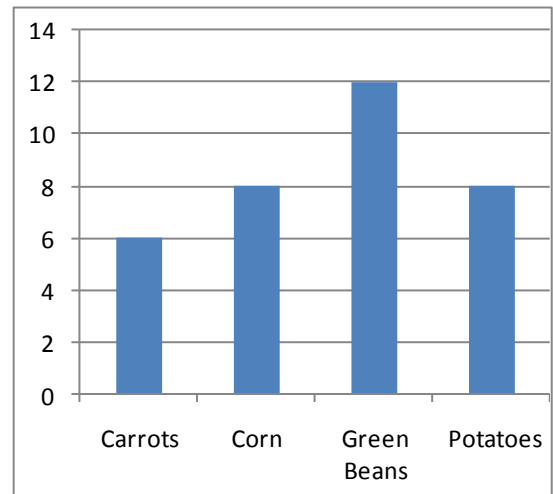
Vegetable	Amount Planted
Carrots	6
Corn	9
Green Beans	12
Potatoes	8

Which graph shows their data?

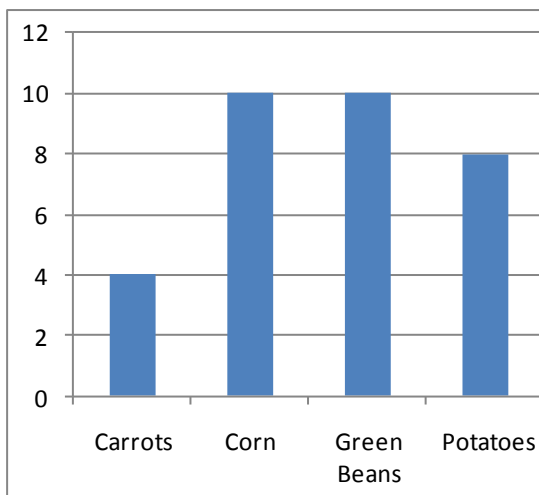
A.



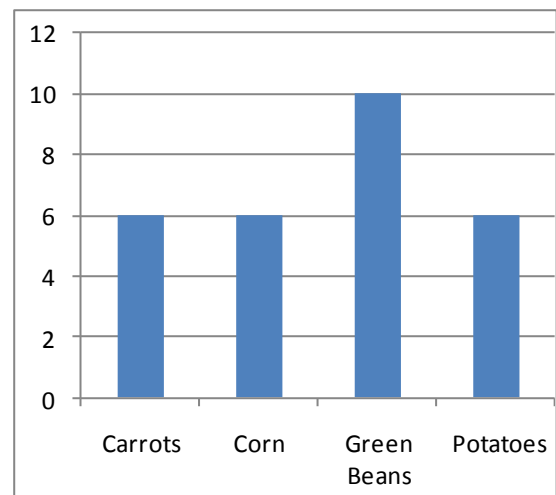
C.



B.



D.



## Mathematics (Calculator)

You may use a calculator for this session.

- Andy is trying to order tomato seeds on his computer. When he enters a number into the computer, a different number shows on the screen.
  - When 4 is entered, 16 shows on the screen.
  - When 7 is entered, 28 shows on the screen.
  - When 9 is entered, 36 shows on the screen.

What is the computer doing to the number?

- Adding 12 to the number.
  - Adding 21 to the number.
  - Multiplying the number by 3.
  - Multiplying the number by 4.
- Liz's garden is 7 years old. How old will her garden be in  $N$  years?
    - $N \times 7$
    - $N - 7$
    - $N + 7$
    - $N \div 7$
  - Katie, Lauren, Anna, and Pete each bought one bag of seeds.
    - Katie planted  $\frac{3}{8}$  of her bag.
    - Lauren planted  $\frac{1}{4}$  of her bag.
    - Anna planted  $\frac{3}{4}$  of her bag.
    - Pete planted  $\frac{1}{2}$  of his bag.

Who used the most of the bag?

- Katie
  - Lauren
  - Anna
  - Pete
- Claire's mother told her to buy seven-tenths of a pound of fertilizer. Each bag is marked to show its weight. Claire should but the package marked
    - 7.10 pounds.
    - 1.70 pounds.
    - 0.7 pound.
    - 0.1 pound.

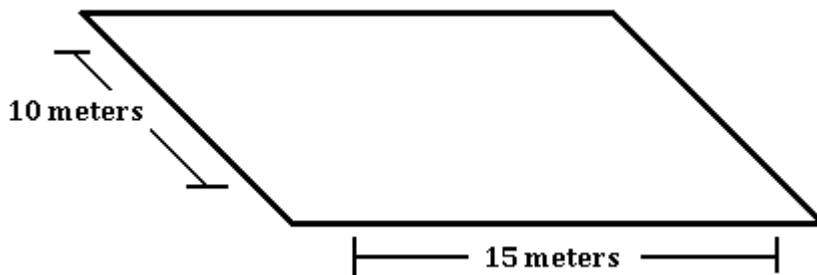
The table below represents the number of people who ate a baked potato at the Victory Garden Restaurant last week. Use this table to answer question 5.

**Potatoes Eaten Last Week**

Day	People
Sunday	14
Monday	6
Tuesday	9
Wednesday	21
Thursday	16
Friday	13
Saturday	24

5. If each potato cost \$3.50, what steps would you take to find out how much money the restaurant made in baked potato sales from Friday and Saturday?
- A. Add 13 and 24, then multiply the sum by \$3.50.
  - B. Add  $13 + 24 + \$3.50$ .
  - C. Multiply 13 by \$3.50 two times, then add \$24.
  - D. Divide 13 by \$3.50, then add \$24.

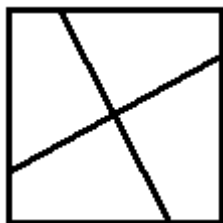
Use the diagram below to answer question 6.



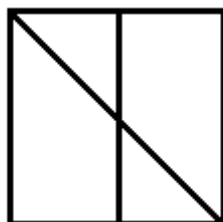
6. Ms. Kay put a fence around her garden to keep the dog out. What is the perimeter of her garden?
- A. 25 meters
  - B. 50 meters
  - C. 150 meters
  - D. 250 meters

7. Which figure is divided into 4 congruent shapes?

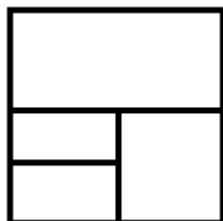
A.



B.



C.



D.

