

Unit 4 Week 5 – Math Assessment
HTWW – Life Cycles

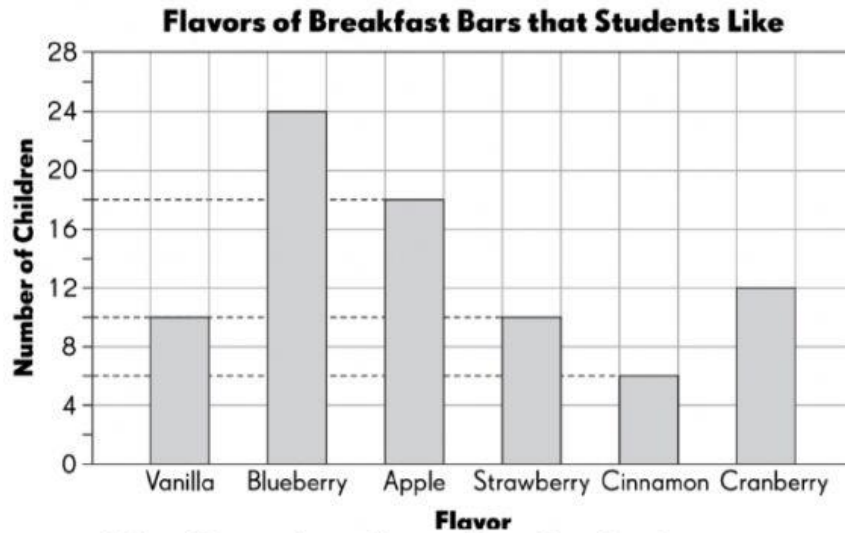
Section 1 : Reading and Interpreting Bar Graphs

(18 marks)

Question 1

(9 marks)

The bar graph shows the flavors of breakfast bars that some children like most.



How many children like cranberry flavored breakfast bars?

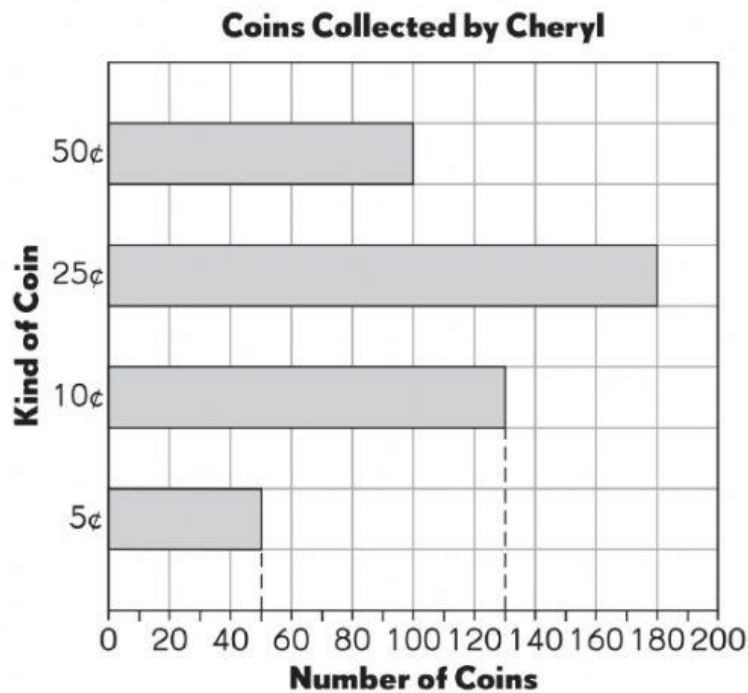
How many more children like apple flavored breakfast bars than vanilla flavored breakfast bars?

What is the total number of children who like strawberry flavored breakfast bars and blueberry flavored breakfast bars?

What is the difference between the number of children who like the most popular breakfast bar and the number of children who like the least popular breakfast bar?

How many children took part in the survey?

The bar graph shows the number of coins collected by Cheryl.



Cheryl collected _____ dimes.

She collected _____ 50¢ coins.

She collected 50 _____.

The coin she collected the least of is the _____.

The coin she collected the most of is the _____.

She collected _____ fewer nickels than quarters.

She has twice as many _____ as _____.

- Nickel – 5¢ coin
- Dime – 10¢ coin
- Quarter – 25¢ coin
- Half dollar – 50¢ coin

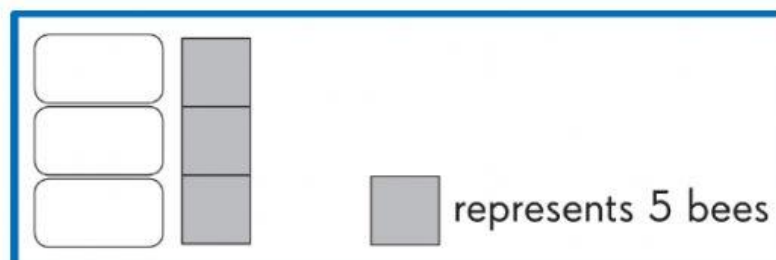
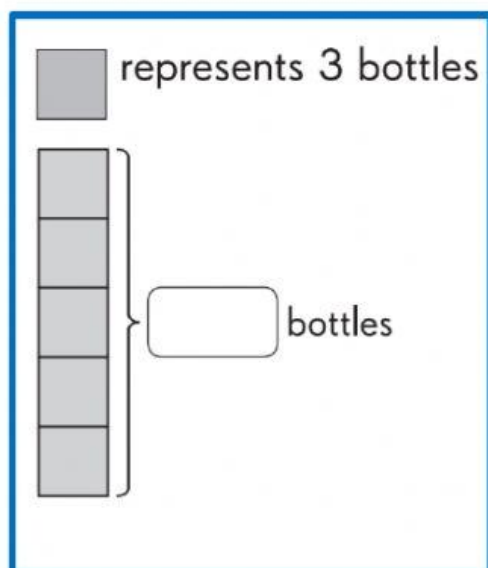


Section 2 : Identifying the Scales in Bar Graphs

(14 marks)

Question 1

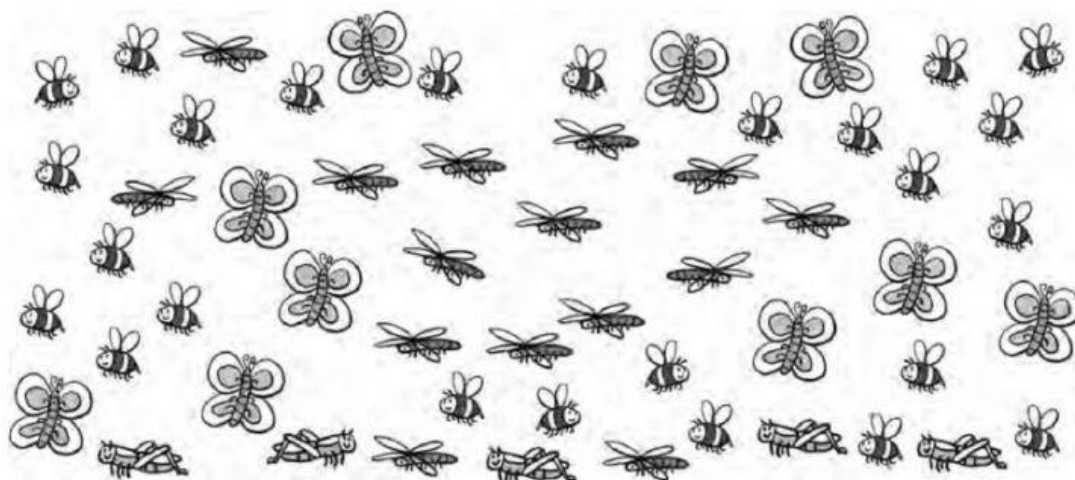
(5 marks)



Question 2

(4 marks)

Count the number of insects.
Then complete the table.



| Kind of Insect | Butterfly | Bee | Dragonfly | Grasshopper |
|-------------------|----------------------|----------------------|----------------------|----------------------|
| Number of Insects | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Question 3

(5 marks)

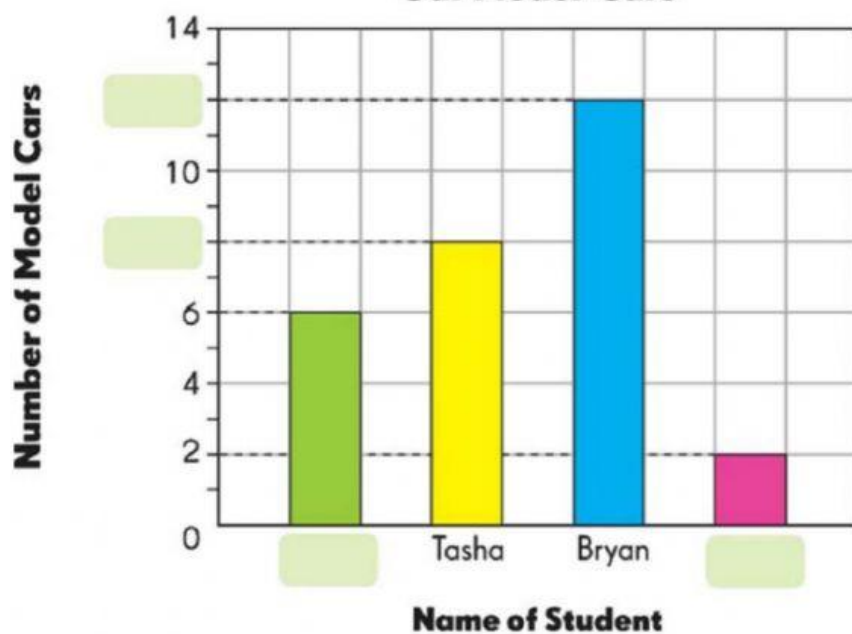
The bar graph shows the data in the tally chart.

Our Model Cars

| Name | Tally | Number of Model Cars |
|-------|------------|----------------------|
| Ken | ### / | 6 |
| Tasha | ### | 8 |
| Bryan | ### ### // | 12 |
| Pat | // | 2 |

Using the information from the above tally chart, fill in the missing data.

Our Model Cars



The scale on the bar graph has skips of .

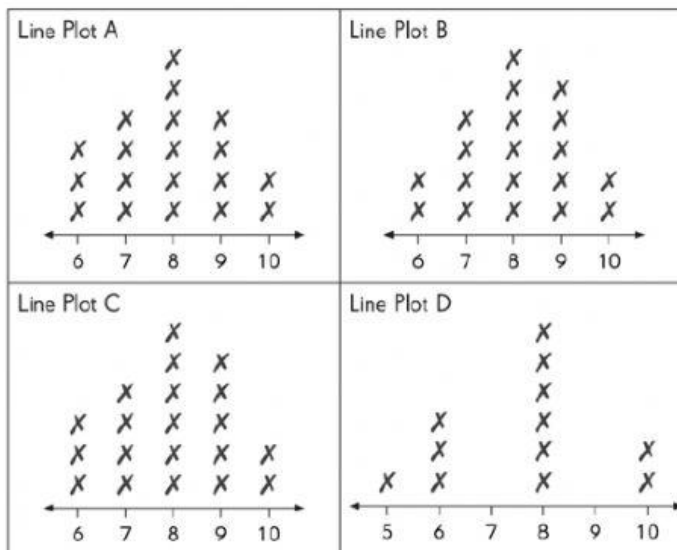
Question 1

(4 marks)

The table shows the points students earned in a math test.

| Points | Number of Students |
|--------|--------------------|
| 6 | 3 |
| 7 | 4 |
| 8 | 6 |
| 9 | 5 |
| 10 | 2 |

Select the line plot that matches the information given in the table.



Number of Pets in Each Family

| Family | A | B | C | D | E | F | G | H | I | J |
|----------------|---|---|---|---|---|---|---|---|---|---|
| Number of Pets | 5 | 2 | 1 | 2 | 0 | 3 | 2 | 3 | 2 | 2 |

Complete the information only for the number of families.

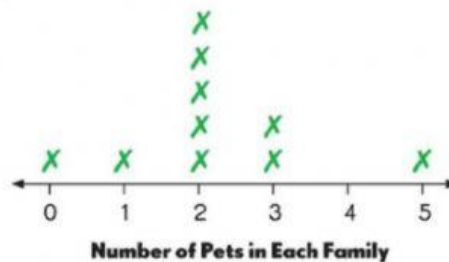
Number of Pets in Each Family

| Number of Pets | Tally | Number of Families |
|----------------|----------------------|----------------------|
| 0 | / | <input type="text"/> |
| 1 | <input type="text"/> | <input type="text"/> |
| 2 | <input type="text"/> | <input type="text"/> |
| 3 | // | <input type="text"/> |
| 4 | <input type="text"/> | <input type="text"/> |
| 5 | <input type="text"/> | <input type="text"/> |

How many families did Sara survey? families

Sara made a line plot of the data.

Sara made a line plot of the data.



Complete the sentences. Use the data in the line plot.

Each X stands for 1 .

The labels on the number line stand for the number of .

The greatest number of families had pets.

No family had pets.

families had more than 2 pets.