

Date:\_\_\_\_\_

## Chapter 16 Lesson C : Show Data using Tally Charts and Frequency Tables (16.C.2)

Q1. Here is a frequency table.

It shows the number of pets owned by grade 3 students.

Complete the table then answer the questions.

tallies

number

Number of pets	Tally	Frequency	number of students
1	III	3	
2	II	7	
3		4	
4	I	1	

a) How many students own 3 pets? 4 students

b) Most students have 2 pets.

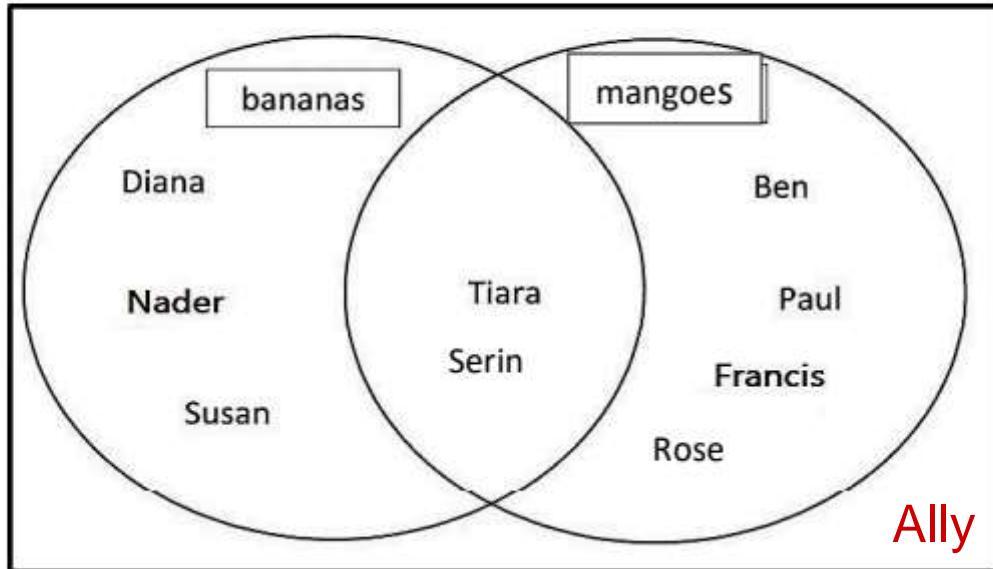
Q2. Sort the following numbers using the Carroll diagram.

348, 405 , 349 , 530 , 304 , 355, 553 , 650

	even numbers	odd numbers
numbers less than 350	348 304	349
numbers not less than 350	530 650	405 355 553

Q3. The Venn diagram shows some kids' favourite fruits.

Use the diagram to answer the questions.



Use the diagram to answer the questions.

number

a) How many kids like bananas only? 3

name

b) Who likes bananas and mangoes? Tiara and Serin

number

c) How many kids like mangoes but not bananas? 4

d) Name the kids who like bananas.

Diana, Nader, Susan, Tiara and Serin

e) Name the kids who like mangoes.

Ben, Paul, Francis, Rose, Tiara and Serin

f) Ally doesn't like bananas and mangoes.

Write her name in the correct place in the Venn diagram above.

Q4. Draw a ring around the word that best completes the sentence.

a) What is Alma's height? one answer only

This is a ( statistical / non-statistical ) **question**.

b) How many hours of TV do students in your class watch each week?

This is a ( statistical / non-statistical ) **question**. many answers

c) How many books did you check out from the library this week?

(Categorical/ discrete) data is collected to answer this question.  
can be counted

d) What is your favourite subject?

(Categorical/discrete) data is collected to answer this question.  
can not be counted

**Questions** are either:

- **non-statistical** (have one answer) or
- **statistical** (have more than one answer).

The **data** collected is either

- can not be counted
- **categorical** (words) or
- **discrete** (numbers)  
can be counted