

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

## Chapter 16 Lesson C :

### Show Data using Tally Charts and Frequency Tables (16.C.1)

Q1. Rahima wants to find out which potato chips flavour is the most popular among her friends.

- Which questions should she ask?
- Tick (✓) the correct question.

Do you like to eat potato chips?	
How often do you eat potato chips?	
What is your favourite potato chips flavour?	
How many flavours of potato chips have you tried?	

Q2. Tick (✓) true or false to show if Mike is correct.

One has been done for you.

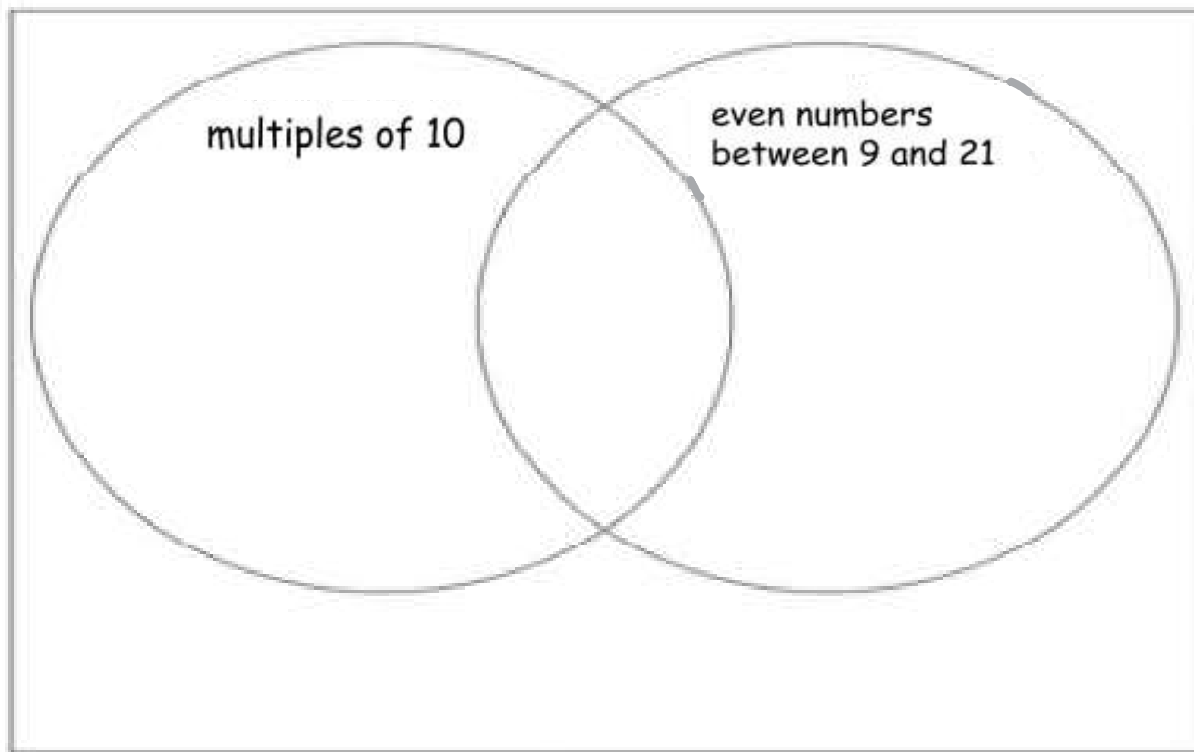


I must collect data from **everyone** in Class 3 to answer these questions.

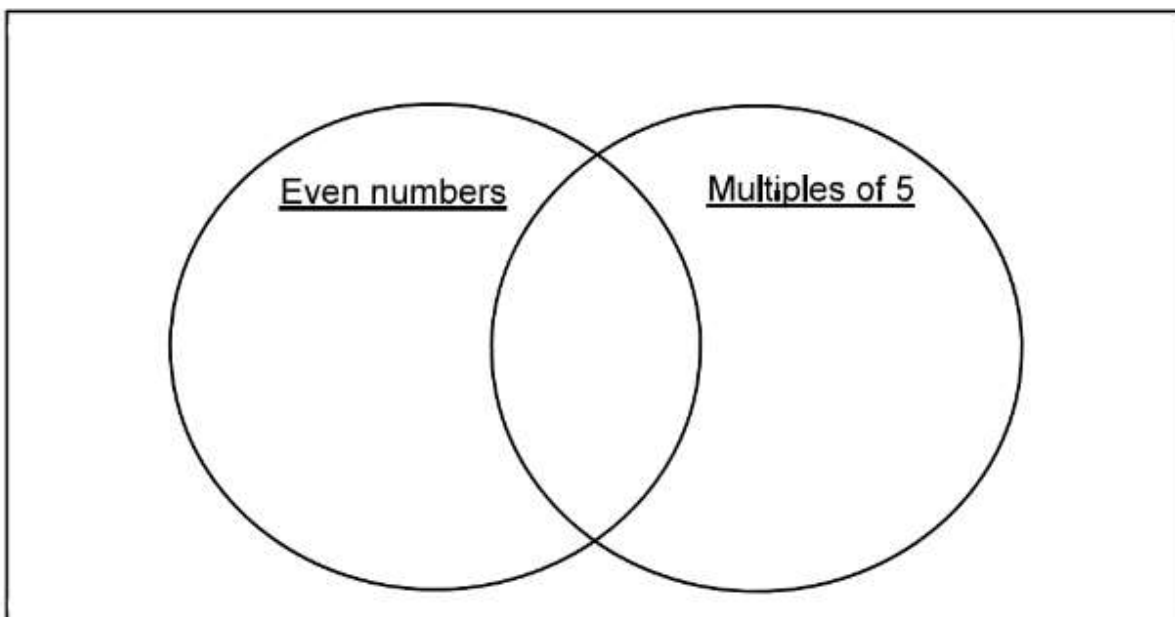
Question	True	False
Who is the English teacher for Class 3?		✓
What is the favourite colour of Class 3?		
Where is the classroom for Class 3?		
How do children in Class 3 travel to school?		

Q3. Place the following numbers in their correct place in the Venn diagram.

8 , 10 , 20 , 11 , 14 , 18, 80 , 21 , 90, 70 , 16 , 12 , 30 , 50



Q4. Fadilah wrote down some numbers. Help her complete the Venn diagram.      2,   14,   23,   25,   30



- Q5. There are 16 girls and 14 boys in grade 3.  
12 students wear spectacles, 6 of them are boys.

Complete the Carroll diagram using the information above.

	wear spectacles	Do not wear spectacles	Total
Girls	_____	_____	16
Boys	_____	_____	14
Total	12	_____	30

- Q6. Use the Carroll diagram to answer the following questions.

	4 years old	5 years old
Goes to school	Anna	Flinn, Bill, Bon
Doesn't go to school	Sam, James	Sana, Sara

- a) Name the children who are 4 years old but don't go to school.

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- b) Name the children who are 5 years old and go to school.

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Q7. Sort the following in the **Carroll diagram** below.



	I am heavy.	I am light.
I am a living thing.		
I am a non - living thing.		

Q8. Mia wants to draw a **tally chart** to show how children in her class travel to school. Here are the results.

*walk, cycle, walk, bus, walk, cycle, walk, car, bus,  
walk, walk, car, bus, walk, cycle, walk, car, bus,  
walk, walk, bus, cycle, walk, bus, walk, car, walk*

Use her results to fill in the Tally chart.

method of travel to school	tally
walk	
cycle	
bus	
car	

Q9. Melvin recorded the number of books he read from January to April.

Month	Tally	Frequency
January		6
February		4
March		
April	/	7

- a) Complete the table above.
- b) How many books did Melvin read in March? \_\_\_\_\_ books
- c) In which month did Melvin read the most books? \_\_\_\_\_
- d) How many books did Melvin read altogether? \_\_\_\_\_ books

Show your calculations in this box