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.

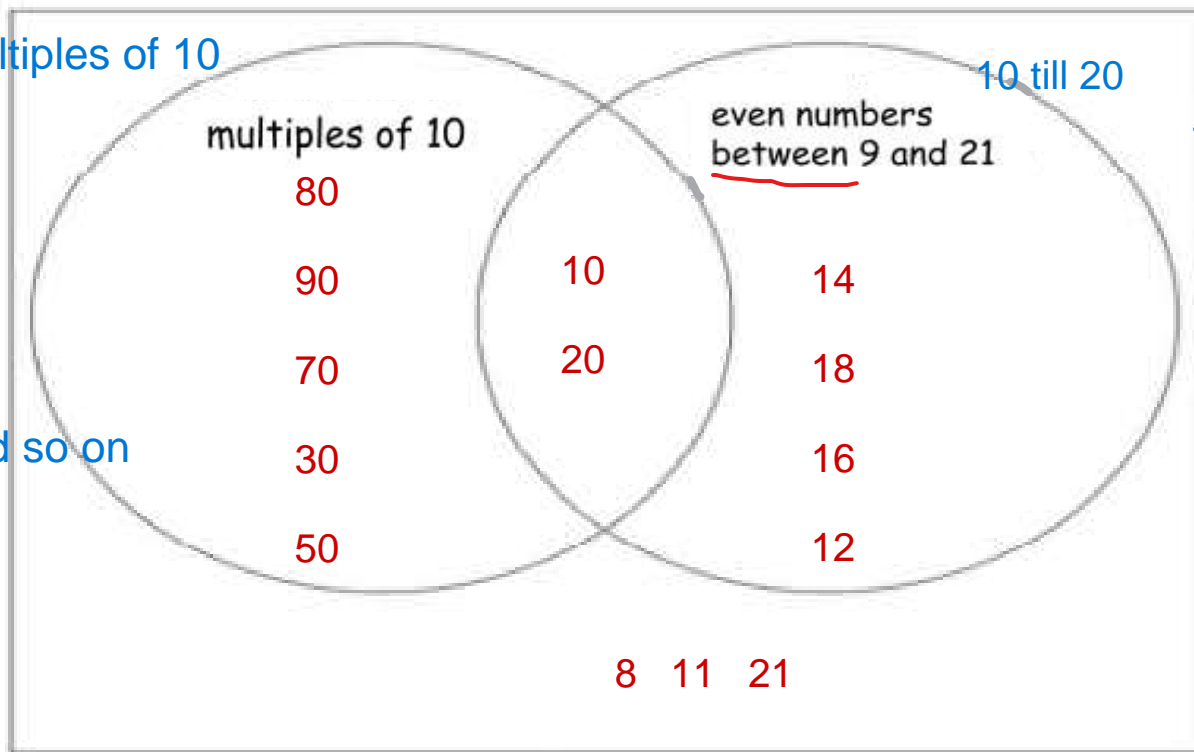I must collect data from **everyone** in Class 3 to answer these questions.

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?	✓	

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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
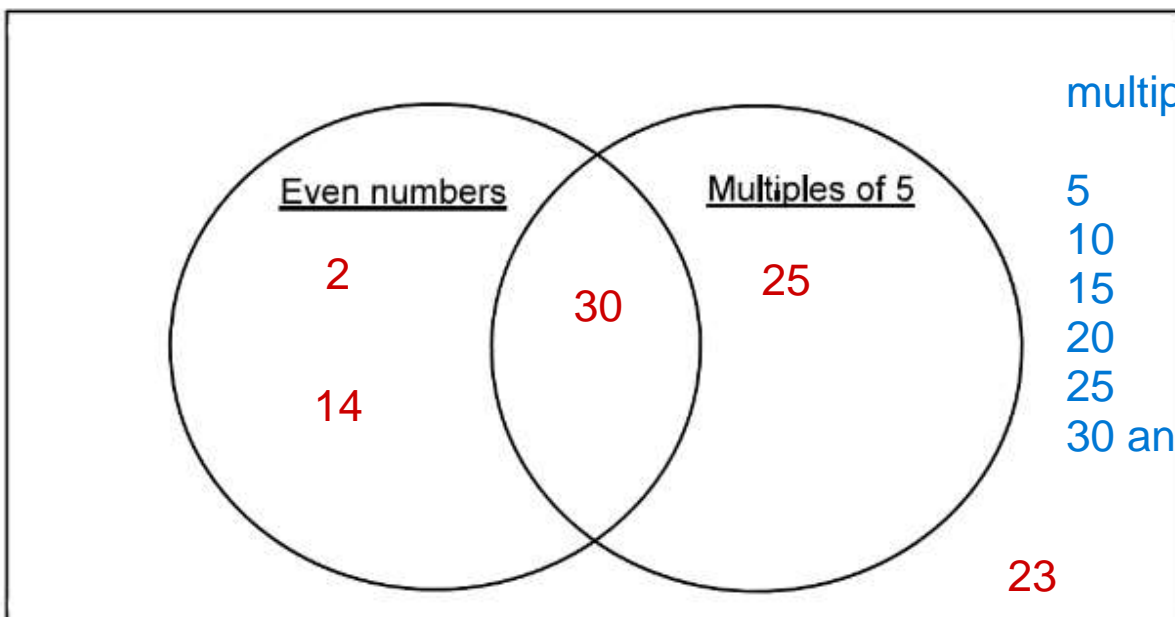
multiples of 10

10
20
30
40
50
60
and so on

multiples of 10

80

90

70

30

50

10

20

even numbers
between 9 and 21

14

18

16

12

10 till 20

even
the ones
place is
0,2,4,6,8

8   11   21

Q4. Fadilah wrote down some numbers. Help her complete
   the Venn diagram.   2,   14,   23,   25,   30
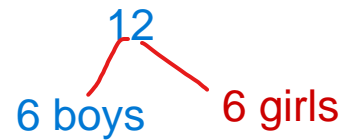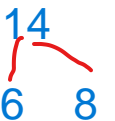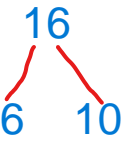
multiples of 5

Even numbers

2

14

30

Multiples of 5

25

multiples of 5

5
10
15
20
25
30 and so on

23

50

Q5. There are 16 girls and 14 boys in grade 3.

12 students wear spectacles, 6 of them are boys.

12 / 6 boys, 6 girls

Complete the Carroll diagram using the information above.

	wear spectacles	Do not wear spectacles	Total
Girls	6	10	16
Boys	6	8	14
Total	12	18	30

16 / 6, 10

14 / 6, 8

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.

Sam and James

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

Flinn, Bill and Bon

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

bag of rice   apple   child   coin   elephant

	I am heavy.	I am light.
I am a living thing.	elephant	child
I am a non - living thing.	bag of rice	apple coin

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	~~IIII~~ ~~IIII~~ III
cycle	IIII
bus	~~IIII~~ I
car	IIII

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

tallies | numbers

Month	Tally	Frequency
January	~~IIII~~ I	6
February	IIII	4
March	IIII	5
April	IIII II	7

a)   Complete the table above.

b)   How many books did Melvin read in March? ___5___ books

c)   In which month did Melvin read the most books? ___April___

d)   How many books did Melvin read altogether? (add) ___22___ books

Show your calculations in this box

6+4=10
10+5=15
15+7=22 books