

GRAYS TUITION CENTRE – Online Tutoring

WEEK: 5

Week Beginning: (18/01/2021)

Subject: MATHS

Year: 2

Lesson Objective:

- Be able to understand odd and even numbers
- Be able to understand Venn diagrams and use basic concepts to fill in Venn diagrams

Class Worksheets

- The tutor shall work through the first few sheets with the students explaining how to identify odd and even numbers and how to use a Venn diagram
- Worksheets on odd and even numbers and Venn diagrams

Homework

- The homework will be similar to the class work to make sure the students have a good understanding of the class work; the questions vary from easy to hard so that the students can challenge themselves.
- Worksheet on accurately using Venn diagrams.

Additional Notes

- Last week's homework will be marked during the start of the lesson and if the students have any questions, we can address those first before moving on to today's lesson plan.
- All lesson worksheets and **homework for next week (due Week 6)** worksheets can be found below

An even number is a number that can be divided into two equal groups.

An odd number is a number that cannot be divided into two equal groups.

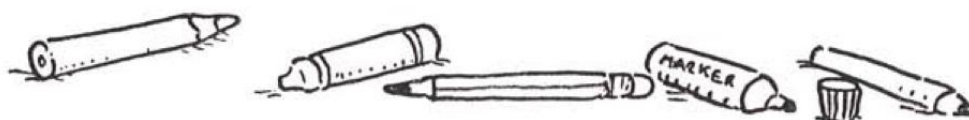
Even numbers end in 2, 4, 6, 8 and 0 regardless of how many digits they have (we know the number 5,917,624 is even because it ends in a 4!).

Odd numbers end in 1, 3, 5, 7, 9.

Even and odd

9	35	23	17
15	14	48	16
11	35	13	49
12	34	22	7
27	15	29	55

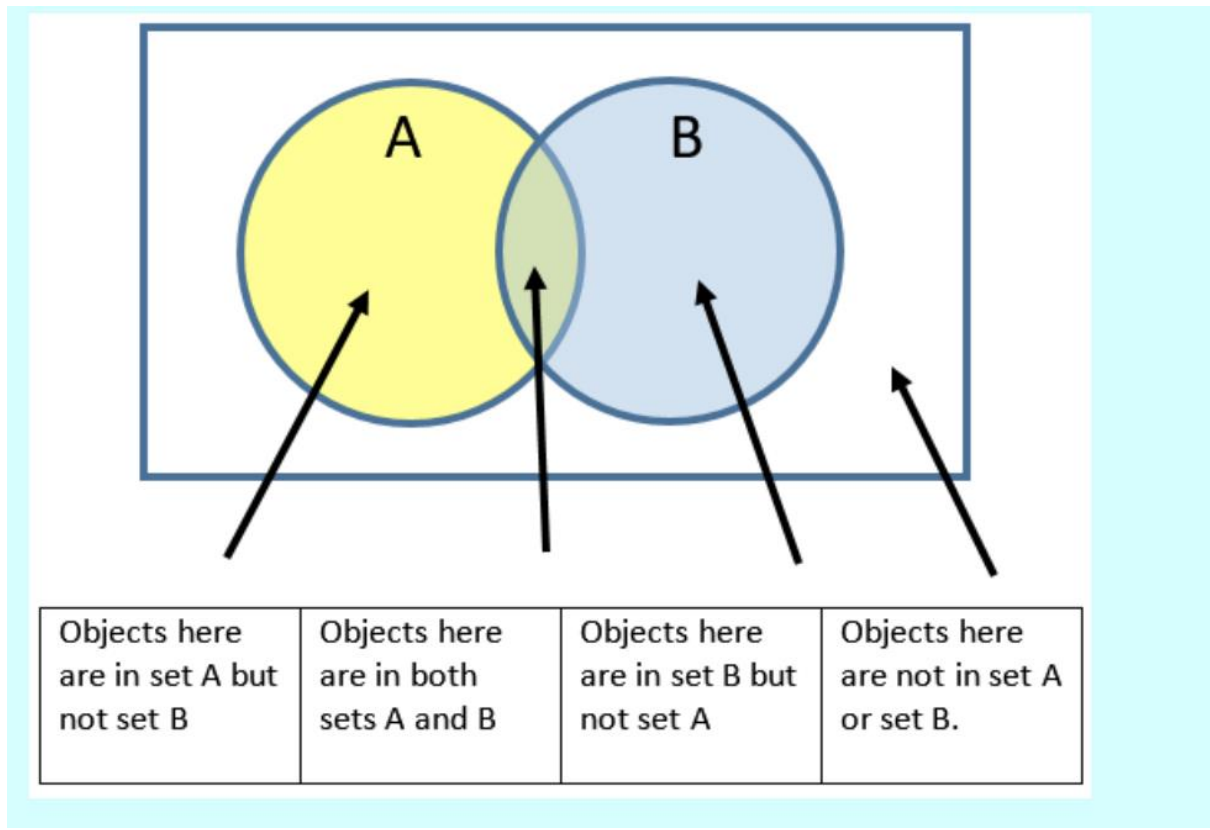
57	9	43	7
16	42	4	3
48	8	36	31
54	34	60	65
18	32	20	19



16	4	32	17
44	11	63	15
8	56	18	10
68	17	19	82
14	90	6	20

20	56	12	40
51	33	37	14
36	52	20	48
17	9	45	32
44	28	60	16

In the top two squares, circle all the odd numbers and in the bottom two squares, circle all the even numbers.



10 5 25 11 31 8

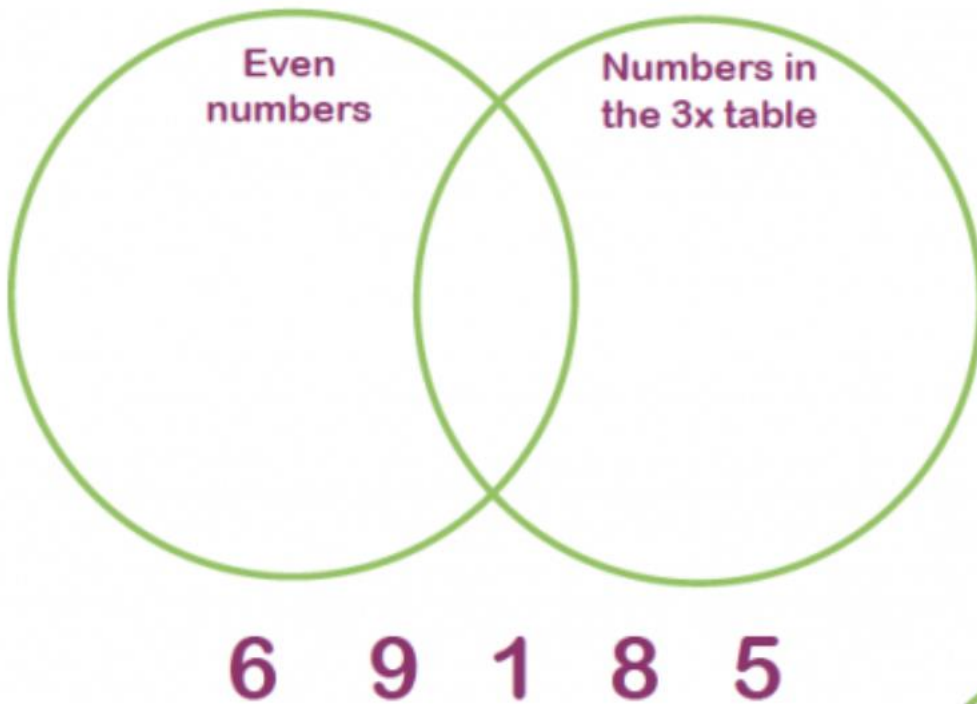
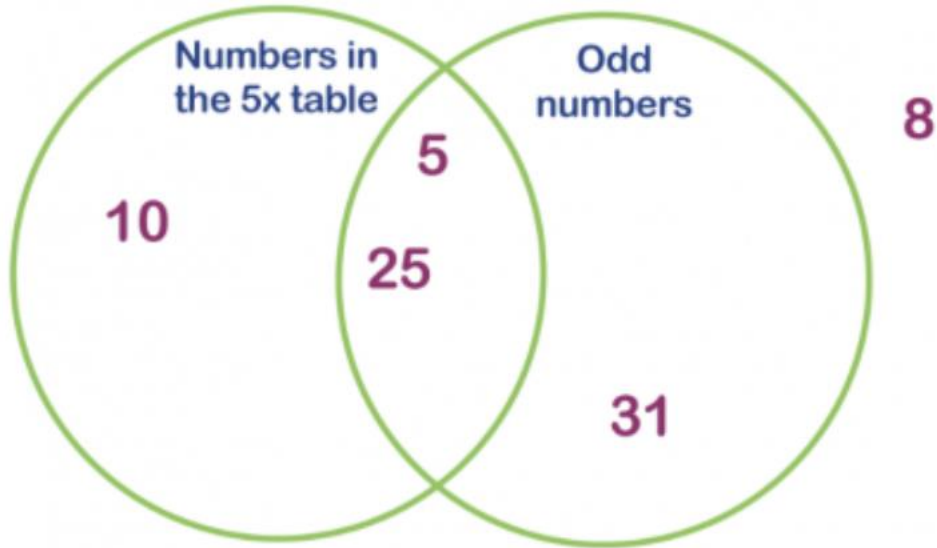
Number in 5 times table

Odd number



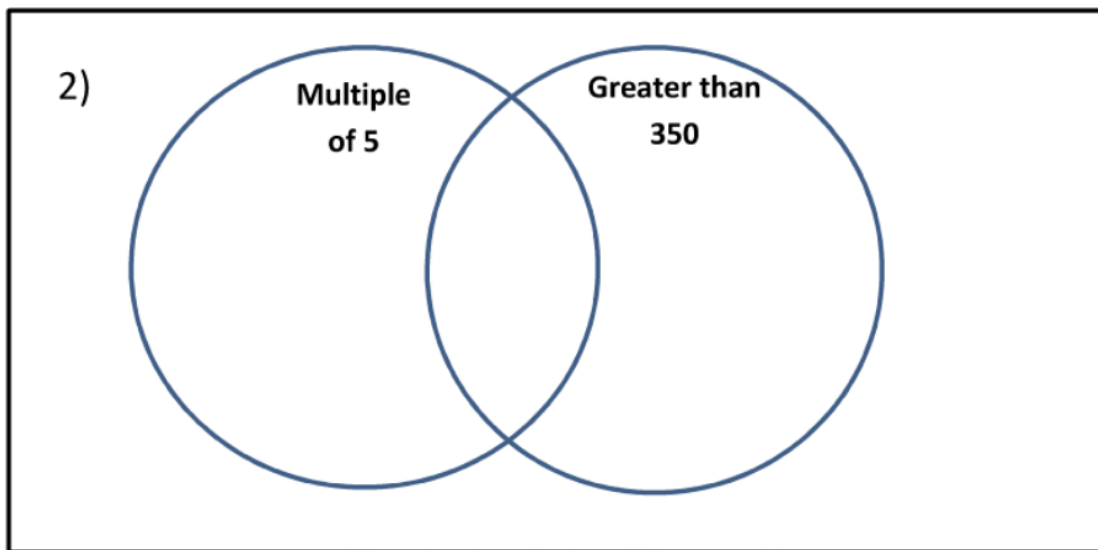
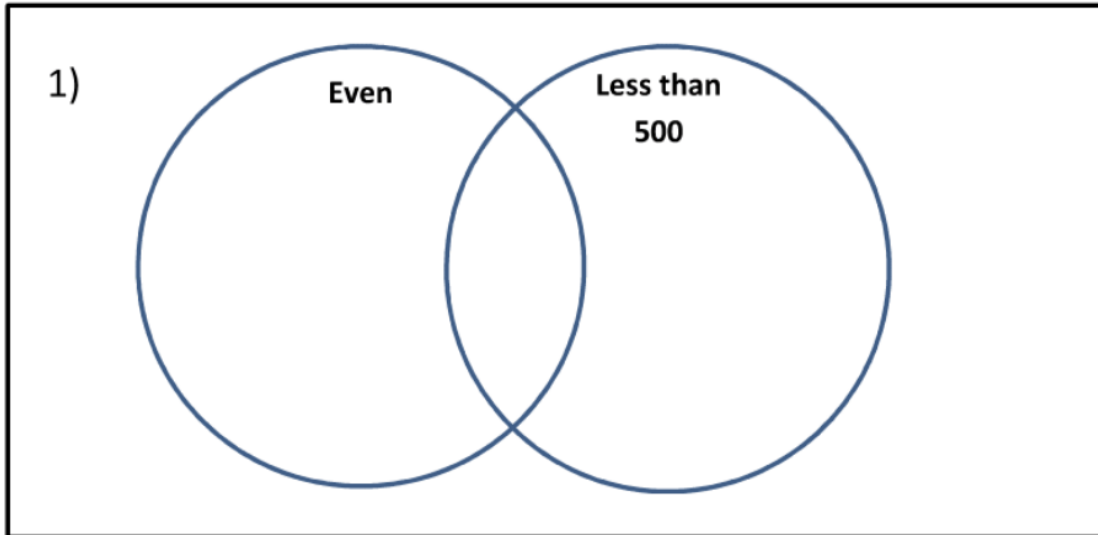
Neither

10 5 25 31 8



Put these 8 numbers in the correct places in these Venn diagrams.

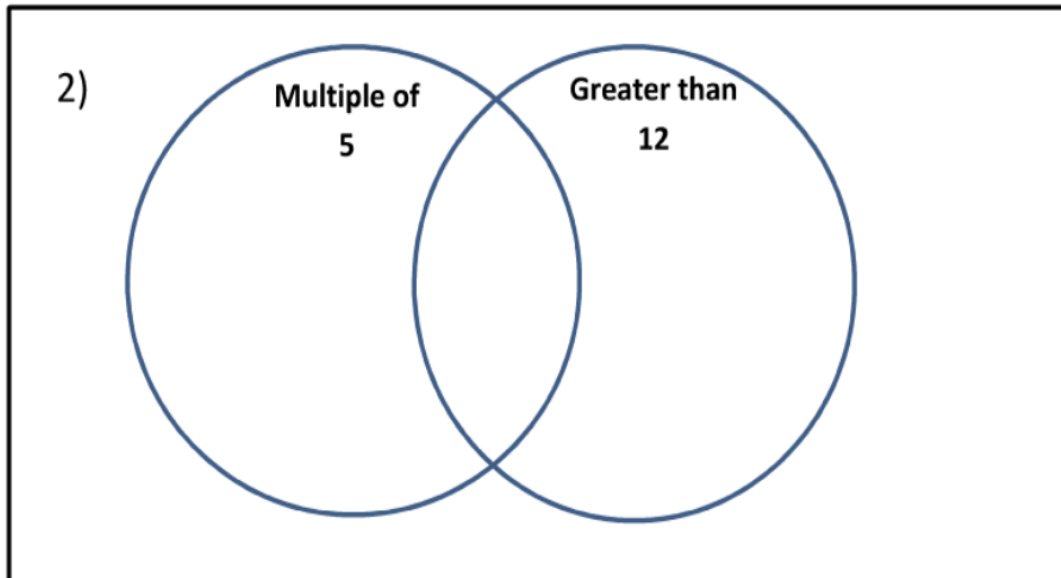
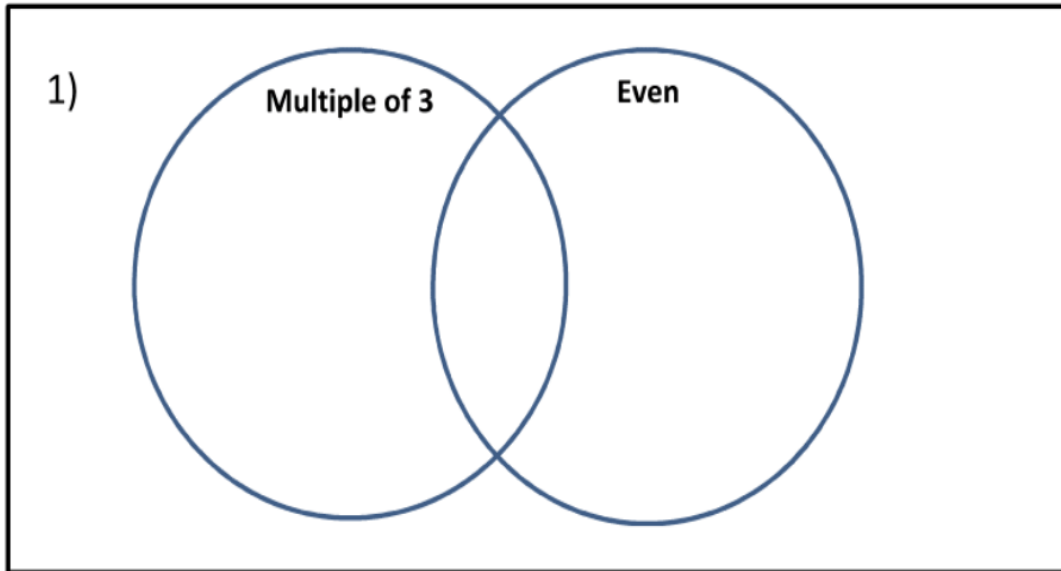
120	316	684	159	220	527	635	816
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Homework

Put these 8 numbers in the correct places in these Venn diagrams.

15	21	7	2	10	16	25	30
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Odd or Even?

Odd numbers end with these digits: 1, 3, 5, 7, or 9

Even numbers end with these digits: 0, 2, 4, 6, or 8

Tell whether each number is odd or even.

- | | | | | | |
|----|-----|-------|----|-------|-------|
| a. | 6 | _____ | b. | 36 | _____ |
| c. | 23 | _____ | d. | 74 | _____ |
| e. | 54 | _____ | f. | 0 | _____ |
| g. | 98 | _____ | h. | 952 | _____ |
| i. | 100 | _____ | j. | 500 | _____ |
| k. | 41 | _____ | l. | 67 | _____ |
| m. | 20 | _____ | n. | 89 | _____ |
| o. | 72 | _____ | p. | 58 | _____ |
| q. | 41 | _____ | r. | 714 | _____ |
| s. | 9 | _____ | t. | 1,378 | _____ |

- u. An apple tree has 62 apples on it.
Are there an odd or even number of apples on the tree? _____
- v. Samantha has 17 cookies.
Does she have an odd or even number of cookies? _____
- w. Is the sum of $7+3$ odd or even? _____