ROUNDING OFF NUMBERS TO THE NEAREST TEN:

Rounding means making a number simpler but keeping its value close to what it was.

The result is less accurate, but easier to use.

* FOR EXAMPLE: Round 56 to the nearest 10 →

Ans → 56 is rounded upto 60.

Because if the ones digit of a number is 5 or more than 5, then that number is rounded upto the nearest ten.

* EXAMPLE: Round 83 to the nearest 10 →

Ans → 83 is rounded down to 80

Because, if the ones digit of a number is 4 or less than 4, then that number is rounded down to the nearest ten.

EVEN AND ODD NUMBERS:

EVEN NUMBERS:

* Numbers that can be put in pairs are called even numbers.

* A number which is divisible by 2 and generates a remainder of 0 is called an even number.

* Even numbers always ends with digits 0, 2, 4, 6 and 8.

ODD NUMBERS:

* Numbers that can not be paired are called odd numbers.

* A number which is not divisible by 2 is called an odd number.

* Odd numbers always ends with digits 1, 3, 5, 7 and 9.

FOR EXAMPLE: 1) 123④ → An even number

2) 104⑤ → An odd number.

ROUNDING OFF NUMBERS

Divas, the stationer, had noted the number of pencils and erasers in his shop. But he has lost the note. He remembers that there were about 50 pencils and 80 erasers.

The numbers 50 and 80 are close to the exact numbers.
These numbers are said to be **rounded off**.

Later, Divas found the note.
There were exactly
47 pencils and 82 erasers in his shop.

> 47 is close to 50.
> So I rounded it
> UP to 50.
>
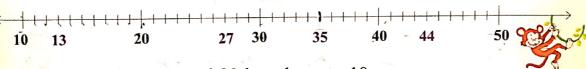> 82 is close to 80.
> So I rounded it
> DOWN to 80.

ENRICHMENT ACTIVITY

CHECKPOINT!

A. Fill in the blanks. Do in book.

1. There are 48 students in my class. 48 can be rounded up to ___50___ (40/50).

2. There are 73 trees in the park. 73 can be rounded down to _____ (70/80). So, we say there are about ___70___ trees in the park.

B. Fill in the blanks with the help of the number line.

←——|—————|—————|——|——|———|———|——|——————|——→
10   13   20   27 30   35   40   44   50

1. **13** is between 10 and 20 but closer to 10.
   So, 13 rounds down to ___10___

2. **27** is between 20 and 30 but closer to 30. So, 27 rounds up to ___30___

3. **35** is exactly in the middle of 30 and 40. So, 35 rounds up to ___40___

4. **44** is between 40 and 50 but closer to ___40___ So, 44 rounds down to ___40___

> A number
> is rounded DOWN to the
> nearest ten if the ones
> digit is 4 or less.

> A number is
> rounded UP to the nearest
> ten if the ones digit is
> 5 or more.

EVEN AND ODD NUMBERS

Even numbers can be put in pairs (groups of 2). 6 is even.

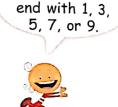**Odd numbers** have one left over when you put them in pairs. 7 is odd.

Even numbers end with 2, 4, 6, 8, or 0.

Even		
2	12	22
4	14	24
6	16	26
8	18	28
10	20	30

Odd		
1	11	21
3	13	23
5	15	25
7	17	27
9	19	29

Odd numbers end with 1, 3, 5, 7, or 9.

HOTS questions — Do in book.

1. Name two vehicles which have an odd number of tyres.
   <u>Autorickshaw</u> , <u>tricycle.</u>

2. Which letters are present in even numbers in these words?

a. VIRAT KOHLI <u>I</u>

b. GRAMMAR <u>R</u> , <u>A</u> , <u>M</u>

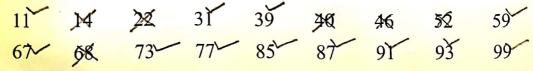c. ACCOMMODATION <u>A</u> , <u>C</u> , <u>M</u>

Do in book and ENRICHMENT ACTIVITY copy

CHECKPOINT!

A. Round off to the nearest ten.

1. 48 <u>50</u>	4. 32 <u>30</u>	7. 95 <u>100</u>	10. 61 <u>60</u>
2. 23 <u>20</u>	5. 64 <u>60</u>	8. 92 <u>90</u>	11. 17 <u>20</u>
3. 56 <u>60</u>	6. 79 <u>80</u>	9. 38 <u>40</u>	12. 15 <u>20</u>

B. Tick (✔) the odd numbers and cross (✗) out the even numbers.

11✔   14✗   22✗   31✔   39✔   40✗   46✗   52✗   59✔

67✔   68✗   73✔   77✔   85✔   87✔   91✔   93✔   99✔