

7

Even and Odd Numbers

PAIRS

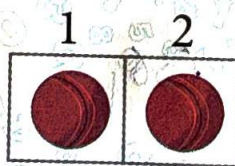
Objects that are in twos are said to be in **pairs**.



One cup



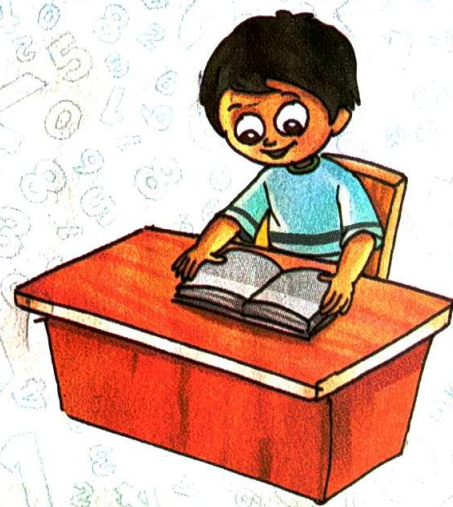
A pair of cups



pair



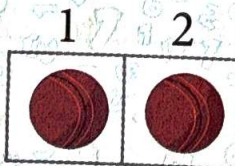
pair



There are 2 pairs and no left over in case of 4 objects.

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

4 can be put into pairs, so it is an even number.



pair



1 left over

There is one pair and 1 left over in case of 3 objects.

The numbers that cannot be put in pairs are called **odd numbers**.

3 cannot be put into pairs, so it is an odd number.



Remember

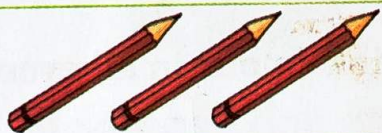
1. No remainder is left when an even number is divided by 2. In case of odd numbers, 1 is left over when divided by 2.
2. In the number series, when taken in continuation, even and odd numbers come alternately.
3. If the last digit of any number ends in 0, 2, 4, 6 or 8, then the number would always be an even number. For example, 10, 12, etc.
4. If the last digit of any number ends in 1, 3, 5, 7 or 9, then the number would always be an odd number. For example, 11, 23, etc.

Exercise 7



1. Count the objects in each row and write odd or even. One has been done for you.

(a)



Odd

(b)



Even

(c)



odd

(d)



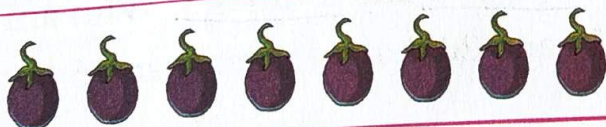
odd

(e)



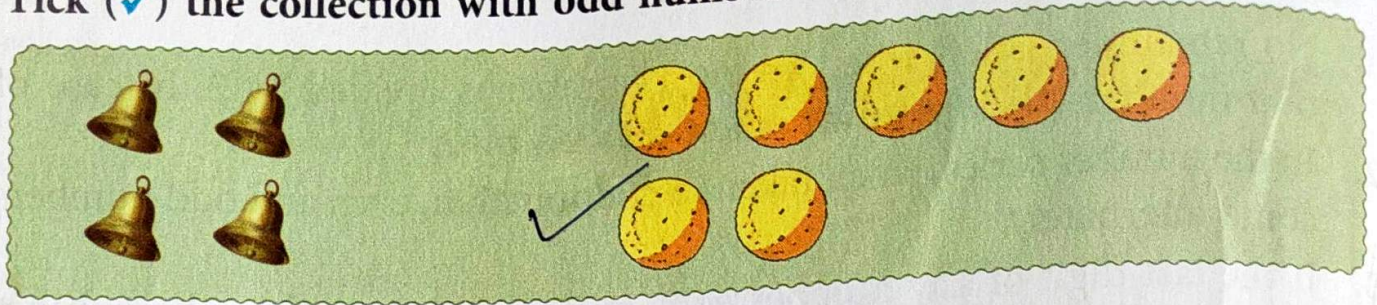
even

(f)



even

2. Tick (✓) the collection with odd number of objects.



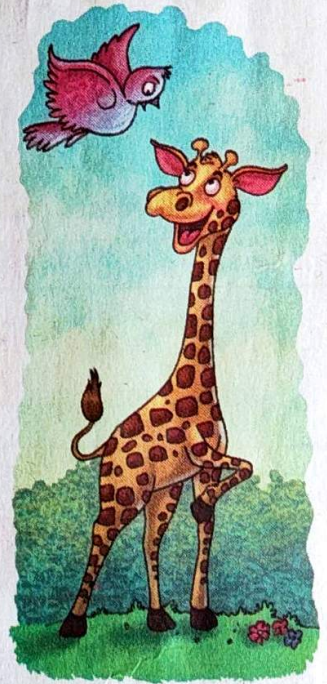
3. Circle the even numbers in the following.

5	8	15	17	20	24	29	41
16	13	9	28	50	63	72	93

Fun Activity

Fill in green colour in all odd numbers and pink colour in all even numbers.

35	46	54	17	1	33	98	67	44	72
2	99	49	22	18	7	48	59	71	19
81	35	70	89	27	62	78	33	13	53
42	87	3	64	31	20	82	40	10	68
12	28	50	41	57	4	37	86	52	25
21	3	69	39	73	51	14	91	79	30
15	74	11	63	80	88	61	26	83	9
34	92	58	23	92	45	60	5	76	17
85	6	96	15	55	95	32	93	43	75
16	65	47	100	29	29	84	60	24	94



Challenge!

21st CS

- I am an even number between $\frac{15}{5}$ times 3 and $\frac{18}{6}$ times 3. Who am I? 16
- I am an odd number between 11 and 20. I am greater than 15 but less than 19. Who am I? 17