

St. Andrews Scots Sr. Sec. School

I.P. Extension, Patparganj, Delhi- 110092

Session:2026-2027

Subject: Mathematics

Class: IV

Unit-4(Multiples)

Questions to be done:

Ex 4A: - Q1, 2, 3, 4 in Book

Q5 ,6, 8(b), 9(b), 10, 12 in Notebook

Ex 4B: - Q1, 2(b), 3(c),4 ,5 ,6 ,7 in Book

Ex 4C: - Q1 (b), (d), Q2 (c), (e), Q3 (a), (b), Q4(c), (d), Q5 (e), (f), Q6 in Notebook

Q7 & Case Study in Book

Review Time

Worksheet

Activity

Exercise 4A

1. First ten multiples of 7 are 7, 14, 21, 28, 35, 42, 49, 56, 63 and 70.
2. First five multiples of 11 are 11, 22, 33, 44 and 55.
3. First six multiples of 13 are 13, 26, 39, 52, 65 and 78.
4. (a) $8 \times 3 = 24$, So 24 is a multiple of 8 and 3.
(b) 1 is a multiple of every number.
(c) The first multiple of a number is number itself.
(d) Every number is a multiple of itself or 1.
(e) Any number has infinite multiples.
5. Multiples of 6 between 20 and 50 are 24, 30, 36, 42 and 48.
6. Multiples of 17 that are less than 80 are 17, 34, 51, 68.
7. Multiples of 19 that are of two digit numbers are 19, 38, 57, 76, 95.
8. (a) The first two common multiples of 3 and 5 are 15 and 30.
(b) The first two common multiples of 3, 4 and 6 are 12 and 24.
(c) The first two common multiples of 2 and 7 are 14 and 28.
9. The first three common multiples of:
(a) 2 and 3 are 6, 12 and 18. (b) 6 and 9 are 18, 36 and 54.
(c) 2, 3 and 6 are 6, 12 and 18.
10. No, because 593 is not completely divisible by 6.

11. $10869 \div 54$

$$\begin{array}{r} 54 \overline{)10869} \underline{201} \\ -108 \downarrow \downarrow \\ \hline 069 \\ -54 \\ \hline 15 \end{array}$$

Since, 10869 is not completely divisible by 54. Hence, 10869 is not a multiple of 54.

12. $23051 \div 37$

$$\begin{array}{r} 37 \overline{)23051} \underline{623} \\ -222 \downarrow \\ \hline 85 \\ -74 \downarrow \\ \hline 111 \\ -111 \\ \hline 0 \end{array}$$

Since, 23051 is completely divisible by 37.

Thus, 23051 is a multiple of 37.

Exercise 4B

1. (a) Even numbers : 24, 62, 90. (b) Even numbers : 104, 648.
 Odd numbers : 13, 43. Odd numbers : 53, 237, 913
- (c) Even numbers : 800, 1002, 60004.
 Odd number : 901.
2. (a) Even numbers between 63 and 82 are 64, 66, 68, 70, 72, 74, 76, 78, 80.
 (b) Even numbers between 198 and 220 are 200, 202, 204, 206, 208, 210, 212, 214, 216, 218.
 (c) Even numbers between 413 and 430 are 414, 416, 418, 420, 422, 424, 426, 428.
3. (a) Odd numbers between 60 and 80 are 61, 63, 65, 67, 69, 71, 73, 75, 77, 79.
 (b) Odd numbers between 273 and 300 are 275, 277, 279, 281, 283, 285, 287, 289, 291, 293, 295, 297, 299.
 (c) Odd numbers between 500 and 525 are 501, 503, 505, 507, 509, 511, 513, 515, 517, 519, 521, 523.
4. (a) 10, 12, 14, 16, 18, 20 (b) 98
 (c) 899, 901, 903 (d) 11, 13, 17, 19, 23 (e) No
5. (a) Prime Numbers : 3, 17 (b) Prime Numbers : 23, 41
 (c) Prime Numbers : 11, 29 and 67
6. (a) Composite Numbers : 6, 16, 51 (b) Composite Number : 33
 (c) Composite Numbers : 4, 27, 39

7. (a) 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31 (b) 2 (c) 2 and 3
(d) 4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 21, 22, 24 (e) 0 and 1

Exercise 4C

1. (a) 790 is divisible by 2. (b) 643 is not divisible by 2.
(c) 1804 is divisible by 2. (d) 14792 is divisible by 2.
(e) 47606 is divisible by 2. (f) 98175 is not divisible by 2.
A number is divisible by 2 if its ones digit is 0, 2, 4, 6 or 8.

2. (a) 57102

Add all digits $5 + 7 + 1 + 0 + 2 = 15$ which is divisible by 3.
So, 57102 is divisible by 3.

- (b) 38121

$3 + 8 + 1 + 2 + 1 = 15$ which is divisible by 3.
So, 38121 is divisible by 3.

- (c) 40315

$4 + 0 + 3 + 1 + 5 = 13$ which is not divisible by 3.
So, 40315 is not divisible by 3.

- (d) 23456

$2 + 3 + 4 + 5 + 6 = 20$ which is not divisible by 3.
So, 23456 is not divisible by 3.

- (e) 1812

$1 + 8 + 1 + 2 = 12$ which is divisible by 3.
So, 1812 is divisible by 3.

- (f) 4382

$4 + 3 + 8 + 2 = 17$ which is not divisible by 3.
So, 4382 is not divisible by 3.

3. (a) 7576 is not divisible by 5. (b) 8505 is divisible by 5.
(c) 98040 is divisible by 5. (d) 12035 is divisible by 5.
(e) 6565 is divisible by 5. (f) 20005 is divisible by 5.

A number is divisible by 5 if its ones digit is 0 or 5.

4. (a) A number is divisible by 6 if it is divisible by 2 and 3 both.

43101 having its ones place as 1

Since, it is not divisible by 2. So, it is not divisible by 6 also.

- (b) Its ones place is '0 (zero)', So it is divisible by 2.
Also $1 + 7 + 6 + 7 + 0 = 21$, which is divisible by 3.
Thus, the number 17670 is divisible by '6'
because it is divisible by 2 and 3 both.
- (c) Its ones place is '8', which is divisible by '2'
Also $1 + 0 + 5 + 7 + 8 = 21$, which is divisible by '3'.
Since, the number 10578 is divisible by both 2 and 3
Thus, it is divisible by 6.
- (d) Its ones place is '6' which is divisible by '2' and
 $1 + 5 + 2 + 3 + 6 = 17$ which is not divisible by '3'.
Since, the number is not divisible by both 2 and 3.
Hence, it is not divisible by 6.
- (e) Its ones place is '9' which is not divisible by '2'.
Thus, the number is not divisible by 6.
- (f) Its ones place is '4' which is divisible by '2' and
 $1 + 9 + 2 + 8 + 4 = 24$ which is divisible by '3'
 $\Rightarrow$ The number is divisible by both 2 and 3.
and thus it is divisible by '6'.

5. (a) 23975 is not divisible by 10. (b) 280005 is not divisible by 10.
(c) 150300 is divisible by 10. (d) 10600 is divisible by 10.
(e) 11010 is divisible by 10. (f) 12345 is not divisible by 10.

6. (a) 4013

$4 + 0 + 1 + 3 = 8$, which is not divisible by 3. Add 1 in the number to make 4013 divisible by 3. So, required number is 1.

- (b) 56327

$5 + 6 + 3 + 2 + 7 = 23$, which is not divisible by '3'. Add 4 in the number to make 56327 divisible by 3

The number next to 23, divisible by 3 is 27

$$27 - 23 = 4$$

So, required number is '4'.

Since, $23 + 4 = 27$ which is divisible by '3'.

Thus, it is divisible by 3 also.

7. (a) $7\boxed{0}8 \div 3 = 236$

- (b) $170\boxed{1} \div 3 = 567$

- (c) $1\boxed{0}68 \div 3 = 356$

- (d) $76\boxed{2}9 \div 3 = 2543$

Review Time

- I.** 1. (a) 2. (a) 3. (a) 4. (c) 5. (a)
 6. (b) 7. (a) 8. (c)
- II.** 1. 60 2. 2 3. 6, 4 4. Number itself
- III.** 1. (i) 2. (iii) 3. (i) 4. (i)