STEPPING STONE
SCHOOL (HIGH)

CLASS :6

Subject: Mathematics
Topic: Answers to worksheets
Dated: 13.04.2020,
20.04.2020 to 24.04.2020
04.05.2020 to 08.05.2020

Answers to Worksheet No.:1
***Date* :13.4.20**

1)82, 123, 1259, 8962
2) Smallest number - 1089
Largest number - 9810
3) LXXXVII
4) 90,000
5) 89991000
6) 25
7) 150
8) 240

Answers to Worksheet No.:2
***Date* :20.4.20**

1) New numbers: 1398, 1938, 1983. All numbers are less than the given number.
2) 4 (205, 250, 502, 520)
3) Two million three hundred forty six thousand eight hundred twenty five
4) 300000+10000+2000+400+5
5) 52965
6) 143760 pages
7) 900000

Answers to Worksheet No.:3
Date :21.4.20

1) 101
2) 5200
3) 494, 1378, 1674, 2691
4) 4000
5) 14
6) 9999987
7) 2500000
8) Rs 210

Answers to Worksheet No.:4
Date :22.4.20

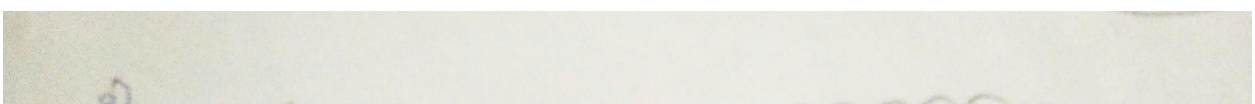
1) XLIX
2) Greatest number - 8621, Smallest number - 1268
3) 180 glasses
4) 7100
5) 1980
6) 2738, less than the previous one
7) 39960

Answers to Worksheet No.:5
Date :23.4.20

1) Indian system: Three crore fifteen lakh twenty three thousand three hundred seventy two
International system: Thirty one million two hundred thirty three thousand seventy two
2) False
3) Rs 22545
4) 20
5) 88550
6) 16950

Answers to Worksheet No.:6
Date :24.4.20

1) every natural number
2) True



Ans: 2+5 = 7

4) (3+5)+7

= 8+7

= 15

3+(5+7)

= 3+12

= 15.

∴ (3+5)+7 = 3+(5+7) = 15.

Hence associative property of addition verified.

7) 30 × 14 = 420

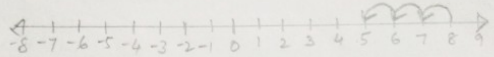
14 × 30 = 420

30 × 14 = 14 × 30 = 420

Hence commutative property of multiplication verified.

eet No.:7

2)



Ans: 8−5 = 3.

4)

Given, $a - b = c$

$\Rightarrow 5 - 3 = c$

$\therefore \quad 2 = c$

$b + c = 3 + 2$

$= 5$

$= a$

$\therefore \quad b + c = a$ (verified)

5). $(3 \times 5) \times 7 = 15 \times 7$

$= 105$

$3 \times (5 \times 7) = 3 \times 35$

$= 105$

$\therefore (3 \times 5) \times 7 = 3 \times (5 \times 7) = 105$

Hence associative property for multiplication is verified.

6). Given $a = 3, \; b = 5, \; c = 10$.

L.H.S $= a \times (b + c)$

$= 3 \times (5 + 10)$

$= 3 \times 15$

$= 45$

R.H.S $= ab + ac$.

$= 3 \times 5 + 3 \times 10$

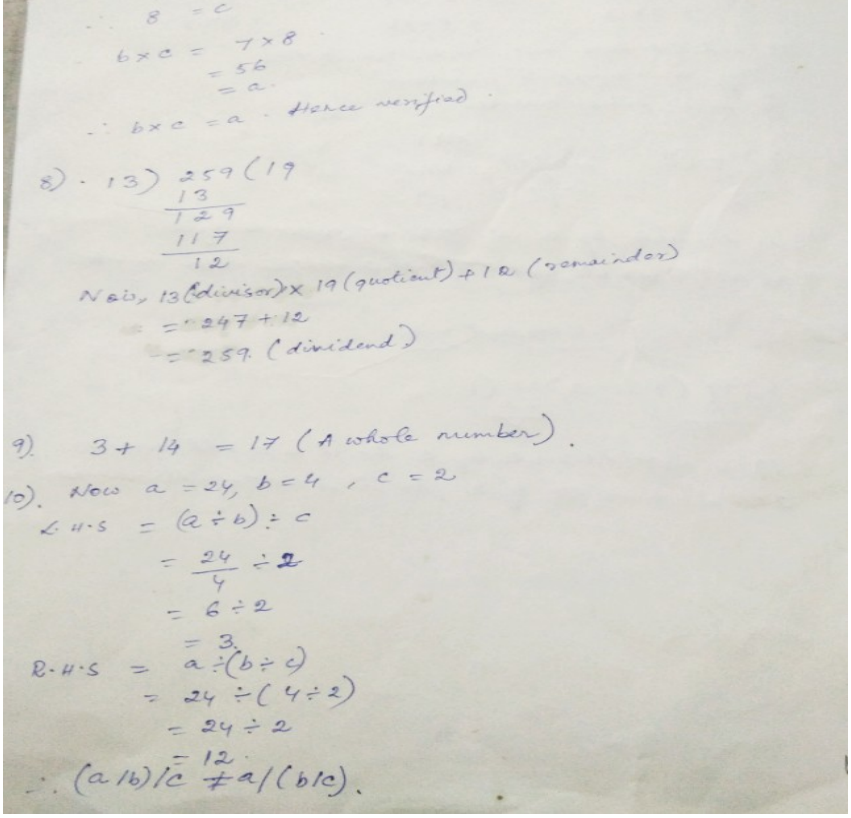
$= 15 + 30$

$= 45$.

$\therefore a(b + c) = ab + ac$ Hence verified.

7). Given $a = 56, \; b = 7$

Also, $\frac{a}{b} = c$


8 = c

b × c = 7 × 8
= 56
= a

∴ b × c = a. Hence verified.

8). 13) 259 (19
13
129
117
12

Now, 13 (divisor) × 19 (quotient) + 12 (remainder)
= 247 + 12
= 259 (dividend)

9). 3 + 14 = 17 (A whole number).

10). Now a = 24, b = 4, c = 2

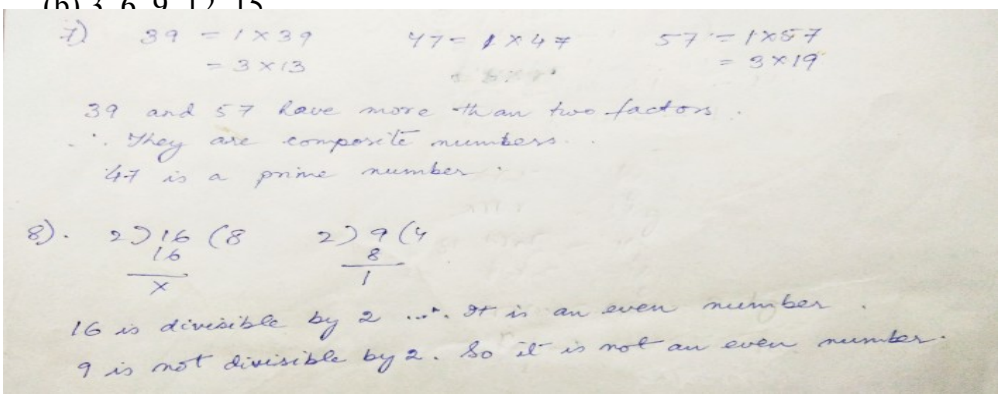
L.H.S = (a ÷ b) ÷ c
= 24/4 ÷ 2
= 6 ÷ 2
= 3

R.H.S = a ÷ (b ÷ c)
= 24 ÷ (4 ÷ 2)
= 24 ÷ 2
= 12

∴ (a/b)/c ≠ a/(b/c).

Answers to Worksheet No.:8
Date :5.5.20

1) (a) 1, 2, 4, 8
(b) 1, 2, 3, 6, 9, 18
(c)1, 2, 3, 5, 6, 10, 15, 30
2) (a) 5, 10, 15, 20…….
(b) 12, 24, 36, 48……
(c) 4, 8, 12, 16……
3) (a) 6, 12, 18, 24, 30
(b) 3, 6, 9, 12, 15


7) 39 = 1 × 39
= 3 × 13

47 = 1 × 47

57 = 1 × 57
= 3 × 19

39 and 57 have more than two factors.
∴ They are composite numbers.
47 is a prime number.

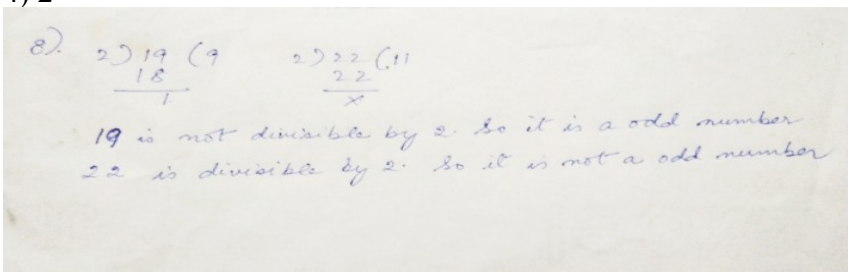
8). 2) 16 (8
16
X

2) 9 (4
8
1

16 is divisible by 2 ∴ it is an even number.
9 is not divisible by 2. So it is not an even number.

Answers to Worksheet No.:9
Date :6.5.20

1) (a) 17, 34, 51, 68, 85
(b) 21, 42, 63, 84, 105
(c) 13, 26, 39, 52, 65
2) (a) 6, 12, 18, 24…...
(b) 11, 22, 33, 44….
(c) 16, 32, 48, 64…
3) 105
4) 2



Answers to Worksheet No.:10
Date :7.5.20

1)(a) 11+13 (b) 41+43
2) 18, 35
3) (a) 7+73 (b) 3+97
4) False
5) (2,3), (8,15), (7,16), (5,7)
6) 1+2+4+8+16+31+62+124+248=496
7) 8,9
8) 113, 337

Answers to Worksheet No.:11
Date :8.5.20

1)(a) Divisible (b) Not divisible
2)(a)Not divisible by both (b) Divisible by both
3) (a) Yes (b) No
4) (a) Yes (b) No
5) (a) Yes (b) No
6) (a) Yes (b) No
7) (a) Yes (b) No
8) 4