

GURU GOBIND SINGH PUBLIC SCHOOL, CHAS (BOKARO)

CLASS – III

SUBJECT – MATHEMATICS

LESSON – 4, MULTIPLICATION

DATE- 13 JULY 2020

ASSIGNMENT – 13

SESSION – (2020-21)

LEARNING CONTENT: (WRITE IN YOUR NOTEBOOK)

Multiply 2 – digit number by 2 – digit number (with carry over)

Q.1) Multiply using shortcut method:-

a)  $34 \times 45 = 1530$

b)  $62 \times 38 = 2356$

	TH	H	T	O
		3	4	
x		4	5	
<hr/>				
		1	7	0
+	1	3	6	x
<hr/>				
	1	5	3	0
<hr/>				

	TH	H	T	O
		6	2	
x		3	8	
<hr/>				
		4	9	6
+	1	8	6	x
<hr/>				
	2	3	5	6
<hr/>				

c)  $72 \times 18 = \boxed{\phantom{0000}}$

d)  $85 \times 25 = \boxed{\phantom{0000}}$

Q. 2) Multiply using expanded form of the multiplier:-

a)  $56 \times 18 = 1008$   
 $= 56 \times (10 + 8)$   
 $= (56 \times 10) + (56 \times 8)$   
 $= 560 + 448$   
 $= 1008$

b)  $32 \times 75 = 2400$   
 $= 32 \times (70 + 5)$   
 $= (32 \times 70) + (32 \times 5)$   
 $= 2240 + 160$   
 $= 2400$

c)  $45 \times 16 = \boxed{\phantom{0000}}$

d)  $28 \times 22 = \boxed{\phantom{0000}}$

Q.3) Multiply 3 – digit number by 2 – digit number ( with carry over)

a)  $283 \times 15 = 4245$

TH	H	T	O
2	8	3	
x	1	5	
<hr/>			
1	4	1	5
2	8	3	x
<hr/>			
4	2	4	5

b)  $268 \times 12 = 3216$

TH	H	T	O
2	6	8	
x	1	2	
<hr/>			
5	3	6	
2	6	8	x
<hr/>			
3	2	1	6

c)  $342 \times 17 =$

d)  $126 \times 34 =$

Q.4) Multiply 4 – digit number by 1- digit number (with carry over)

a)  $2583 \times 3 = 7749$

TH	H	T	O
2	5	8	3
x			3
<hr/>			
7	7	4	9

b)  $1520 \times 6 = 9120$

TH	H	T	O
1	5	2	0
x			6
<hr/>			
9	1	2	0

c)  $1047 \times 9 =$

d)  $3708 \times 2 =$

Q.5) MENTAL SUMS:-

- a) What is the product of 0 x 625?
- b) In  $35 \times 20 = 700$ , what is 35 called?
- c) How many wheels does 20 cars have?
- d)  $30 \times 5 = 150$  ( true or false)
- e) What is the product of the smallest even number and 20?

ANSWER KEY:-

- 1. c) 1296                      d) 2125
- 2. c) 720                      d) 616
- 3. c) 5814                      d) 4284
- 4. c) 9423                      d) 7416
- 5. a) 0    b) Multiplicand   c) 80 wheels   d) true   e) 40

NOTE: - Complete all the exercises of page number 61, 62 and 65 in your textbook.

