Name:_____

Roll No.: _____

Date: _____

Grade/Div	Sub.	Sr.No.
3 /	Math	4 .1

Unit 4 - Multiplication

1. Multiply the following.

a) 2 7 5
   X   5
   ‾‾‾‾‾‾‾
   1 3 7 5

b) 6 9 0
   X   7
   ‾‾‾‾‾‾‾
   4 8 3 0

2. Solve the **word problems** with statements.

a) Rita purchased 49 bags for ₹6 each. What is the amount she needs to pay the shopkeeper?

....

....

....

....

....

Working

49
X 6
‾‾‾‾‾
2 9 4

3. Find the missing factor.

a) **6**x 7 = 42

 b) 8 x **9** = 72

c) **6** x 6 = 36

 d) 3 x **9**= 27

4.Which of the following has the same value as 4x5?

(i) 4 + 4 + 4 + 4

(ii) 5 + 5 + 5 + 5

(iii) 4 x 4 x 4 x 4

(iv) 5 x 5 x 5 x 5

5. Complete the factor tree for each number.

2 x 2 x 2 x 11 = 88
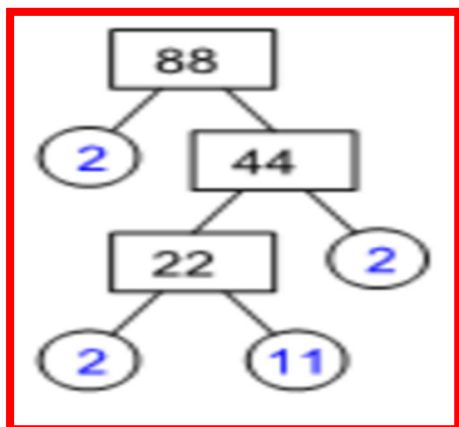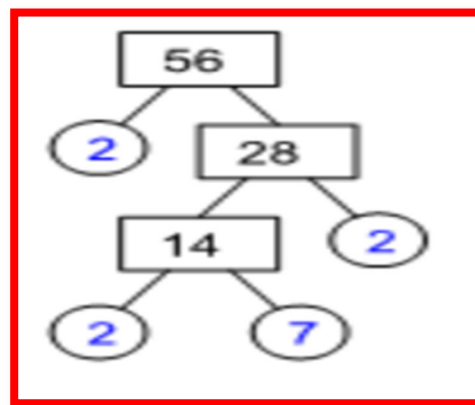
2 x 2 x 2 x 7= 56

6. Which of the following has the greatest value? Tick the correct answer.

a)	b)
(i) 5 x 7	(i) 5 x 9
(ii) 3 x 9	(ii) 4 x 7
(iii) 6 x 10	(iii) 2 x 8
(iv) 1 x 8	(iv) 8 x 8

7. Study the picture below and write a multiplication equation to show how the stars are grouped.

| 8 | × | 4 | = | 32 |

8.. Estimate the product.

a) 46 X 8

46 ➜ 50

50 x 8 = 400

b) 92 X 3

92 ➜ 90

90 x 3 = 270

1. Fill in the blank with repeated addition.
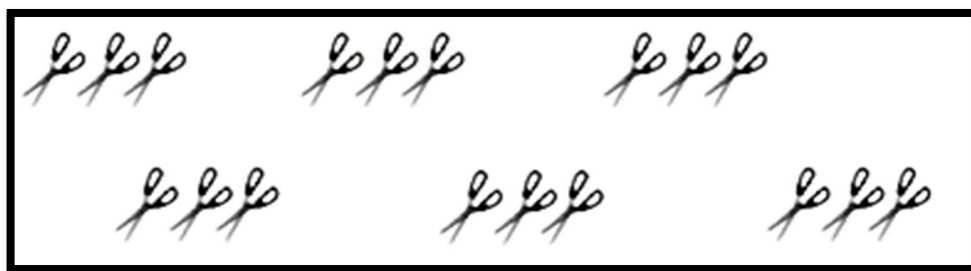
3+ 3+3 + 3 +3 + 3 = 18

  6 groups of 3 = 18

  6 X 3 = 18

2. Look at the number pattern below. The number in each square are related in the similar way. Find the missing number

6	7
2	40

5	8
5	?

10	3
6	24

Ans= 6 x 7 = 42   Ans= 5 x 8 = 40   Ans= 10 x 3 = 30

(42-2= 40)   (40-5= 35)   (30-6= 24)

3. Solve the following expression using grid method.

(a) 92 X 8

x	90	2
8	720	16

720 +16 = 736

(b) 54 X 4

x	50	4
4	200	16

200 +16 = 216

4. What digit does ♡ represent?

$$\begin{array}{r} 1 \\ \times\quad \heartsuit\ 7 \\ \hline 8\ 8\ 2 \end{array}\quad \begin{array}{c} 7 \\ 6 \end{array}$$

Ans = 4

5. Estimate.

27 × 5

Use an arrow (↓) to show your estimate on the number line.

100   150   200
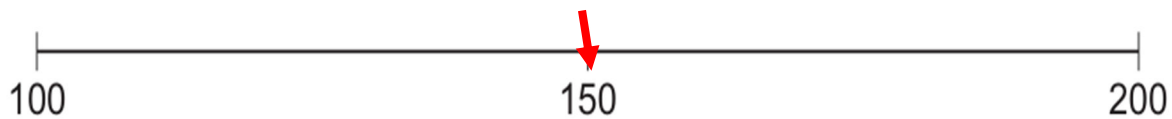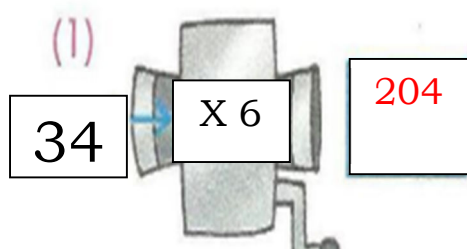
27 ⟶ 30

30 x 5 = 150

6. Function Machines

A. What comes out of this X 6 Machine?

(1)

34 → X 6 → 204

(2)

7 → X 6 → 42
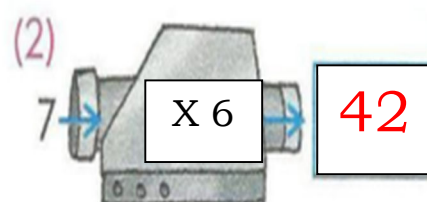
B. What went into the X 8 Machine?

(1)

104

X 8

13

(2)

40

X 8

5
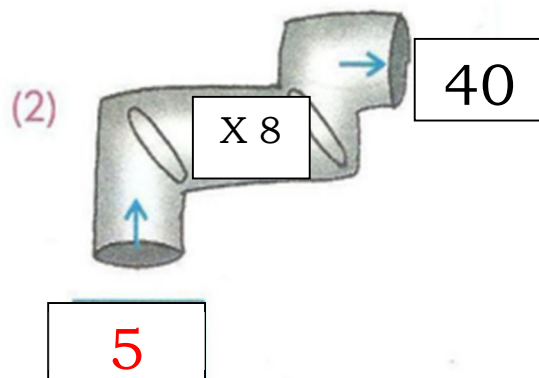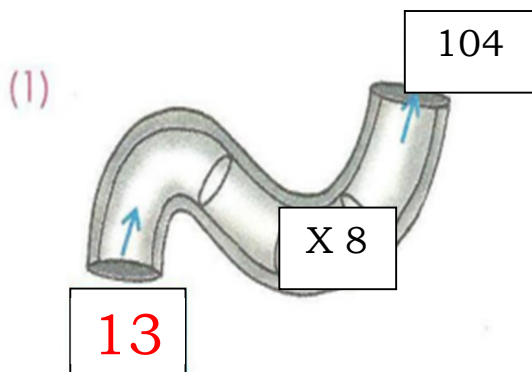
7. Some colour has been spilled on Tina's math notebook. Help her to find the missing numbers.

(a) 69 × 5

X	60
5	45

300 x 45 = 345

(b) 84 × 3

X		4
3	240	

240 x 12 = 252