



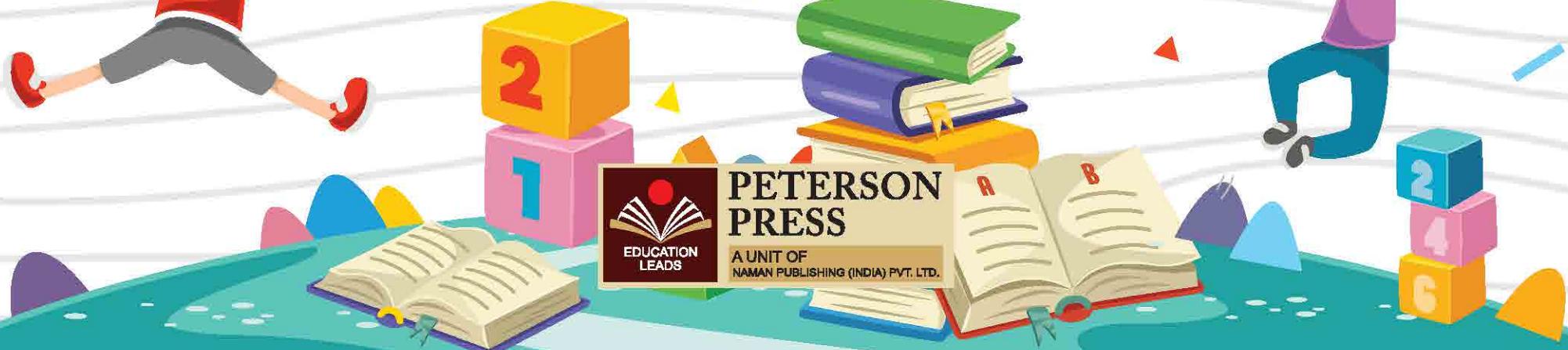
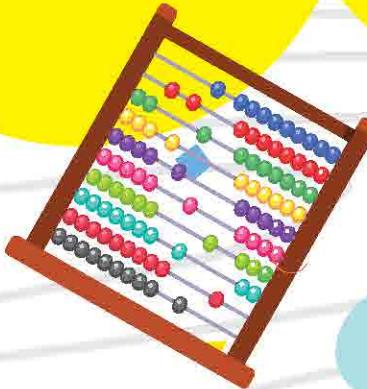
Baby's First Pre-school Series

Amazing Tables

$$\begin{array}{rcl} 2 \times 2 & = & 4 \\ 3 \times 3 & = & 9 \\ 4 \times 4 & = & 16 \\ 5 \times 5 & = & 25 \\ & = & 36 \\ & = & 49 \\ 8 \times 8 & = & 64 \end{array}$$



Rahul Deo
M.A., B.Ed.



Numbers 1 to 10

| | | |
|----|-------|--|
| 1 | ONE |  |
| 2 | TWO |  |
| 3 | THREE |  |
| 4 | FOUR |  |
| 5 | FIVE |  |
| 6 | SIX |  |
| 7 | SEVEN |  |
| 8 | EIGHT |  |
| 9 | NINE |  |
| 10 | TEN |  |

Numbers 11 to 20

11

ELEVEN



12

TWELVE



13

THIRTEEN



14

FOURTEEN



15

FIFTEEN



16

SIXTEEN



17

SEVENTEEN



18

EIGHTEEN



19

NINETEEN



20

TWENTY



Let's Practise

Count the following objects and write the correct numbers :



Numbers Expressions

| No. | Number Name | Hindi | Roman | No. | Number Name | Hindi | Roman |
|-----|--------------|---------|-------|-----|--------------|----------|---------|
| 1 | One | एक | I | 26 | Twenty-six | छब्बीस | XXVI |
| 2 | Two | दो | II | 27 | Twenty-seven | सत्ताईस | XXVII |
| 3 | Three | तीन | III | 28 | Twenty-eight | अट्ठाईस | XXVIII |
| 4 | Four | चार | IV | 29 | Twenty-nine | उनतीस | XXIX |
| 5 | Five | पाँच | V | 30 | Thirty | तीस | XXX |
| 6 | Six | छः | VI | 31 | Thirty-one | इकत्तीस | XXXI |
| 7 | Seven | सात | VII | 32 | Thirty-two | बत्तीस | XXXII |
| 8 | Eight | आठ | VIII | 33 | Thirty-three | तैनीस | XXXIII |
| 9 | Nine | नौ | IX | 34 | Thirty-four | चौंतीस | XXXIV |
| 10 | Ten | दस | X | 35 | Thirty-five | पैंतीस | XXXV |
| 11 | Eleven | ग्यारह | XI | 36 | Thirty-six | छत्तीस | XXXVI |
| 12 | Twelve | बारह | XII | 37 | Thirty-seven | सैंतीस | XXXVII |
| 13 | Thirteen | तेरह | XIII | 38 | Thirty-eight | अड़तीस | XXXVIII |
| 14 | Fourteen | चौदह | XIV | 39 | Thirty-nine | उनतालीस | XXXIX |
| 15 | Fifteen | पंद्रह | XV | 40 | Forty | चालीस | XL |
| 16 | Sixteen | सोलह | XVI | 41 | Forty-one | इकतालीस | XLI |
| 17 | Seventeen | सत्रह | XVII | 42 | Forty-two | बयालीस | XLII |
| 18 | Eighteen | अट्ठारह | XVIII | 43 | Forty-three | तैनालीस | XLIII |
| 19 | Nineteen | उन्नीस | XIX | 44 | Forty-four | चवालीस | XLIV |
| 20 | Twenty | बीस | XX | 45 | Forty-five | पैंतालीस | XLV |
| 21 | Twenty-one | इक्कीस | XXI | 46 | Forty-six | छियालीस | XLVI |
| 22 | Twenty-two | बाईस | XXII | 47 | Forty-seven | सैंतालीस | XLVII |
| 23 | Twenty-three | तेझीस | XXIII | 48 | Forty-eight | अड़तालीस | XLVIII |
| 24 | Twenty-four | चौबीस | XXIV | 49 | Forty-nine | उनचास | XLIX |
| 25 | Twenty-five | पच्चीस | XXV | 50 | Fifty | पचास | L |

Numbers Expressions

| No. | Number Name | Hindi | Roman | No. | Number Name | Hindi | Roman |
|-----|---------------|----------|--------|-----|---------------|-----------|----------|
| 51 | Fifty-one | इक्यावन | LI | 76 | Seventy-six | छिहत्तर | LXXVI |
| 52 | Fifty-two | बावन | LII | 77 | Seventy-seven | सतहत्तर | LXXVII |
| 53 | Fifty-three | तरेपन | LIII | 78 | Seventy-eight | अठहत्तर | LXXVIII |
| 54 | Fifty-four | चौवन | LIV | 79 | Seventy-nine | उनासी | LXXIX |
| 55 | Fifty-five | पचपन | LV | 80 | Eighty | अस्सी | LXXX |
| 56 | Fifty-six | छप्पन | LVI | 81 | Eighty-one | इक्यासी | LXXXI |
| 57 | Fifty-seven | सत्तावन | LVII | 82 | Eighty-two | बयासी | LXXXII |
| 58 | Fifty-eight | अट्ठावन | LVIII | 83 | Eighty-three | तिरासी | LXXXIII |
| 59 | Fifty-nine | उनसठ | LIX | 84 | Eighty-four | चौरासी | LXXXIV |
| 60 | Sixty | साठ | LX | 85 | Eighty-five | पिचासी | LXXXV |
| 61 | Sixty-one | इक्सठ | LXI | 86 | Eighty-six | छियासी | LXXXVI |
| 62 | Sixty-two | बासठ | LXII | 87 | Eighty-seven | सत्तासी | LXXXVII |
| 63 | Sixty-three | तरेसठ | LXIII | 88 | Eighty-eight | अट्ठासी | LXXXVIII |
| 64 | Sixty-four | चौंसठ | LXIV | 89 | Eighty-nine | नवासी | LXXXIX |
| 65 | Sixty-five | पैंसठ | LXV | 90 | Ninety | नब्बे | XC |
| 66 | Sixty-six | छियासठ | LXVI | 91 | Ninety-one | इक्यानवे | XCI |
| 67 | Sixty-seven | सङ्सठ | LXVII | 92 | Ninety-two | बानवे | XCII |
| 68 | Sixty-eight | अड्सठ | LXVIII | 93 | Ninety-three | तिरानवे | XCIII |
| 69 | Sixty-nine | उनहत्तर | LXIX | 94 | Ninety-four | चौरानवे | XCIV |
| 70 | Seventy | सत्तर | LXX | 95 | Ninety-five | पिचानवे | XCV |
| 71 | Seventy-one | इकहत्तर | LXXI | 96 | Ninety-six | छियानवे | XCVI |
| 72 | Seventy-two | बहत्तर | LXXII | 97 | Ninety-seven | सत्तानवे | XCVII |
| 73 | Seventy-three | तिहत्तर | LXXIII | 98 | Ninety-eight | अट्ठानवे | XCVIII |
| 74 | Seventy-four | चौहत्तर | LXXIV | 99 | Ninety-nine | निन्यानवे | XCIX |
| 75 | Seventy-five | पिचहत्तर | LXXV | 100 | One hundred | एक सौ | C |

Multiplying with 0 and 1

"Multiplication is the repeated addition of the same number."

- Any number when multiplied by zero, the result is also zero.
- If a number is multiplied by 1, the result is same number. Let us read the multiplication tables of 0 and 1 :

Multiplication Table of 0

| | | | | |
|---|---|----|---|---|
| 0 | × | 1 | = | 0 |
| 0 | × | 2 | = | 0 |
| 0 | × | 3 | = | 0 |
| 0 | × | 4 | = | 0 |
| 0 | × | 5 | = | 0 |
| 0 | × | 6 | = | 0 |
| 0 | × | 7 | = | 0 |
| 0 | × | 8 | = | 0 |
| 0 | × | 9 | = | 0 |
| 0 | × | 10 | = | 0 |



Multiplication Table of 1

| | | | | |
|---|---|----|---|----|
| 1 | × | 1 | = | 1 |
| 1 | × | 2 | = | 2 |
| 1 | × | 3 | = | 3 |
| 1 | × | 4 | = | 4 |
| 1 | × | 5 | = | 5 |
| 1 | × | 6 | = | 6 |
| 1 | × | 7 | = | 7 |
| 1 | × | 8 | = | 8 |
| 1 | × | 9 | = | 9 |
| 1 | × | 10 | = | 10 |

FUN TIME

Fill in the blanks :

$0 \times 2 = \boxed{}$

$0 \times 5 = \boxed{}$

$0 \times 10 = \boxed{}$



$1 \times 3 = \boxed{}$

$1 \times 6 = \boxed{}$

$1 \times 8 = \boxed{}$

Multiplication Table of 2

Reading Way

| | | | |
|---|--------|-----|----|
| 2 | ones | are | 2 |
| 2 | twos | are | 4 |
| 2 | threes | are | 6 |
| 2 | fours | are | 8 |
| 2 | fives | are | 10 |
| 2 | sixes | are | 12 |
| 2 | sevens | are | 14 |
| 2 | eights | are | 16 |
| 2 | nines | are | 18 |
| 2 | tens | are | 20 |

Writing Way

| | | | | |
|---|----------|----|---|----|
| 2 | \times | 1 | = | 2 |
| 2 | \times | 2 | = | 4 |
| 2 | \times | 3 | = | 6 |
| 2 | \times | 4 | = | 8 |
| 2 | \times | 5 | = | 10 |
| 2 | \times | 6 | = | 12 |
| 2 | \times | 7 | = | 14 |
| 2 | \times | 8 | = | 16 |
| 2 | \times | 9 | = | 18 |
| 2 | \times | 10 | = | 20 |



FUN TIME

Multiply and match the correct numerals :



Multiplication Tables of 3 and 4

Multiplication Table of 3

| | | | | |
|---|---|----|---|----|
| 3 | x | 1 | = | 3 |
| 3 | x | 2 | = | 6 |
| 3 | x | 3 | = | 9 |
| 3 | x | 4 | = | 12 |
| 3 | x | 5 | = | 15 |
| 3 | x | 6 | = | 18 |
| 3 | x | 7 | = | 21 |
| 3 | x | 8 | = | 24 |
| 3 | x | 9 | = | 27 |
| 3 | x | 10 | = | 30 |

Multiplication Table of 4

| | | | | |
|---|---|----|---|----|
| 4 | x | 1 | = | 4 |
| 4 | x | 2 | = | 8 |
| 4 | x | 3 | = | 12 |
| 4 | x | 4 | = | 16 |
| 4 | x | 5 | = | 20 |
| 4 | x | 6 | = | 24 |
| 4 | x | 7 | = | 28 |
| 4 | x | 8 | = | 32 |
| 4 | x | 9 | = | 36 |
| 4 | x | 10 | = | 40 |



FUN TIME

A. There are 4 triangles. How many sides would they have in total?

$$4 \times \begin{array}{c} \text{triangle} \\ \text{3 sides} \end{array} = \boxed{\quad}$$

B. There are 3 squares. How many sides would they have in total?

$$3 \times \begin{array}{c} \text{square} \\ \text{4 sides} \end{array} = \boxed{\quad}$$

Multiplication Tables of 5 and 6

Multiplication Table of 5

| | | | | |
|---|---|----|---|----|
| 5 | × | 1 | = | 5 |
| 5 | × | 2 | = | 10 |
| 5 | × | 3 | = | 15 |
| 5 | × | 4 | = | 20 |
| 5 | × | 5 | = | 25 |
| 5 | × | 6 | = | 30 |
| 5 | × | 7 | = | 35 |
| 5 | × | 8 | = | 40 |
| 5 | × | 9 | = | 45 |
| 5 | × | 10 | = | 50 |

Multiplication Table of 6

| | | | | |
|---|---|----|---|----|
| 6 | × | 1 | = | 6 |
| 6 | × | 2 | = | 12 |
| 6 | × | 3 | = | 18 |
| 6 | × | 4 | = | 24 |
| 6 | × | 5 | = | 30 |
| 6 | × | 6 | = | 36 |
| 6 | × | 7 | = | 42 |
| 6 | × | 8 | = | 48 |
| 6 | × | 9 | = | 54 |
| 6 | × | 10 | = | 60 |



FUN TIME

Multiply and write the answers :

$5 \times 10 = \boxed{}$

$5 \times 3 = \boxed{}$

$5 \times 7 = \boxed{}$

$5 \times 4 = \boxed{}$



$6 \times 5 = \boxed{}$

$6 \times 6 = \boxed{}$

$6 \times 9 = \boxed{}$

$6 \times 1 = \boxed{}$



A. Match the multiplication numerals with correct answers. One has been done for you:

2×4

5×7

4×8

3×6



B. Multiply and write the answers :

$3 \times 6 =$

$4 \times 3 =$

$4 \times 2 =$

$6 \times 8 =$



$5 \times 3 =$

$2 \times 5 =$

$5 \times 7 =$

$1 \times 4 =$

Multiplication Tables of 7 and 8

Multiplication Table of 7

| | | | | |
|---|----------|----|---|----|
| 7 | \times | 1 | = | 7 |
| 7 | \times | 2 | = | 14 |
| 7 | \times | 3 | = | 21 |
| 7 | \times | 4 | = | 28 |
| 7 | \times | 5 | = | 35 |
| 7 | \times | 6 | = | 42 |
| 7 | \times | 7 | = | 49 |
| 7 | \times | 8 | = | 56 |
| 7 | \times | 9 | = | 63 |
| 7 | \times | 10 | = | 70 |

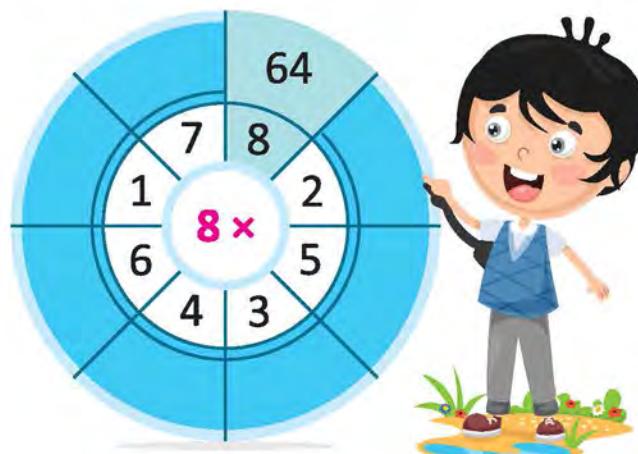
Multiplication Table of 8

| | | | | |
|---|----------|----|---|----|
| 8 | \times | 1 | = | 8 |
| 8 | \times | 2 | = | 16 |
| 8 | \times | 3 | = | 24 |
| 8 | \times | 4 | = | 32 |
| 8 | \times | 5 | = | 40 |
| 8 | \times | 6 | = | 48 |
| 8 | \times | 7 | = | 56 |
| 8 | \times | 8 | = | 64 |
| 8 | \times | 9 | = | 72 |
| 8 | \times | 10 | = | 80 |



FUN TIME

Multiply and write the answers :



Multiplication Tables of 9 and 10

Multiplication Table of 9

| | | | | |
|---|----------|----|---|----|
| 9 | \times | 1 | = | 9 |
| 9 | \times | 2 | = | 18 |
| 9 | \times | 3 | = | 27 |
| 9 | \times | 4 | = | 36 |
| 9 | \times | 5 | = | 45 |
| 9 | \times | 6 | = | 54 |
| 9 | \times | 7 | = | 63 |
| 9 | \times | 8 | = | 72 |
| 9 | \times | 9 | = | 81 |
| 9 | \times | 10 | = | 90 |

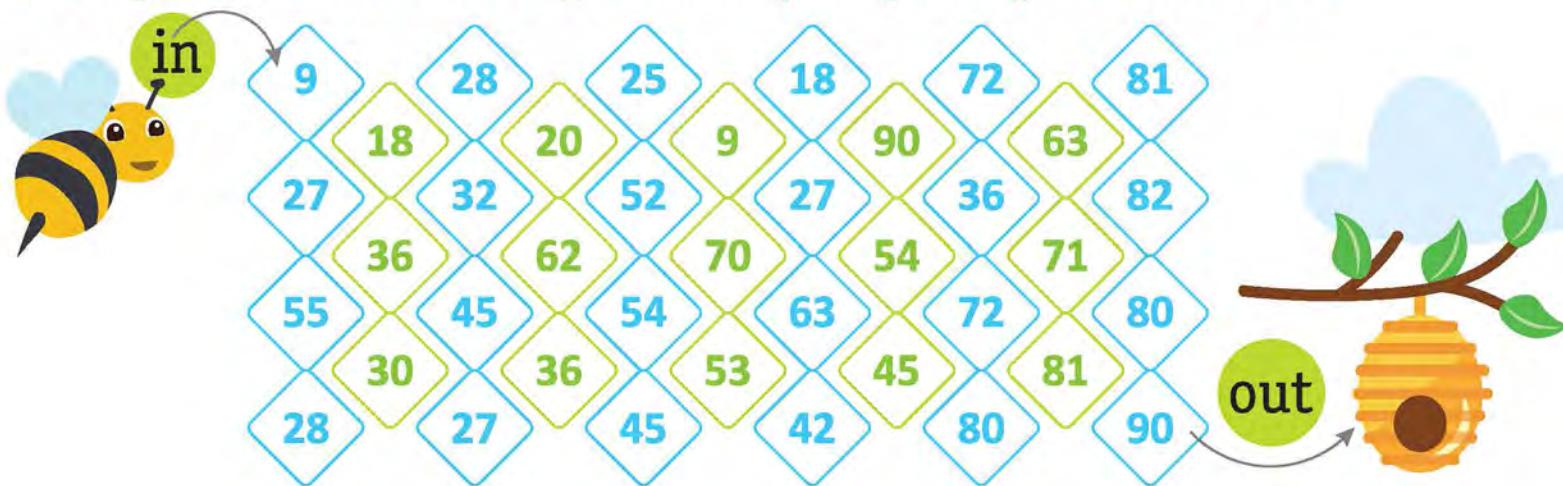
Multiplication Table of 10

| | | | | |
|----|----------|----|---|-----|
| 10 | \times | 1 | = | 10 |
| 10 | \times | 2 | = | 20 |
| 10 | \times | 3 | = | 30 |
| 10 | \times | 4 | = | 40 |
| 10 | \times | 5 | = | 50 |
| 10 | \times | 6 | = | 60 |
| 10 | \times | 7 | = | 70 |
| 10 | \times | 8 | = | 80 |
| 10 | \times | 9 | = | 90 |
| 10 | \times | 10 | = | 100 |



FUN TIME

Help the honey bee reach its hive by following the path by the table of 9 :



Multiplication Grid of 1 to 10

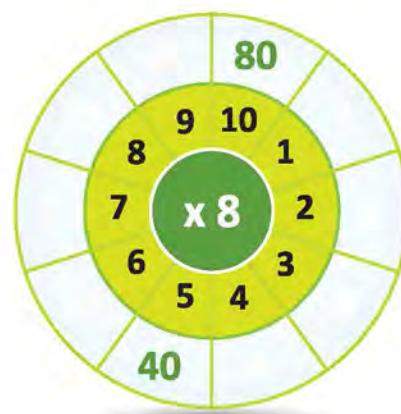
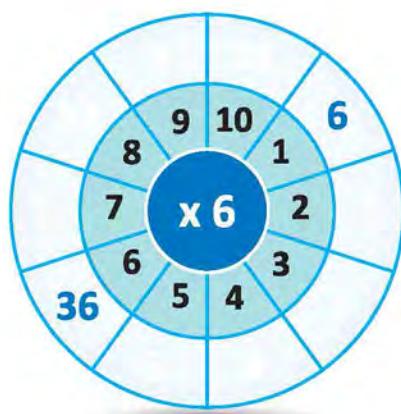
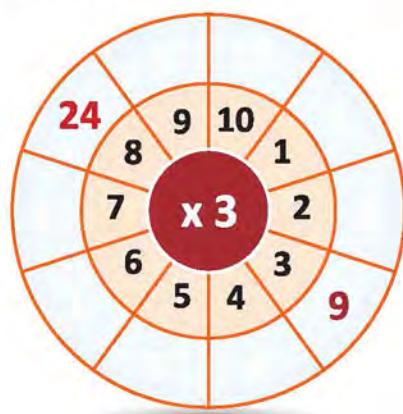


| \times | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------|----|----|----|----|----|----|----|----|----|-----|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 3 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| 4 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| 5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| 6 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| 7 | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
| 8 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
| 9 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| 10 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |



FUN TIME

Complete the wheels as shown :





Activity Time

Fill in the boxes with correct numbers :

$8 \times 1 =$

$6 \times 5 =$

$5 \times 9 =$

$10 \times 7 =$

$6 \times 4 =$

$7 \times 9 =$

$8 \times 6 =$

$9 \times 6 =$

$7 \times 8 =$

$4 \times 4 =$

$2 \times 2 =$

$3 \times 8 =$

$4 \times 6 =$

$5 \times 3 =$

$6 \times 7 =$

$8 \times 1 =$

$8 \times 4 =$

$9 \times 4 =$

$5 \times 2 =$

$4 \times 2 =$

$9 \times 9 =$

$8 \times 5 =$

$10 \times 5 =$

$9 \times 5 =$

$7 \times 6 =$

$8 \times 9 =$

$6 \times 9 =$

$7 \times 4 =$

$3 \times 2 =$

$5 \times 7 =$



Multiplication Tables of 11 and 12

Multiplication Table of 11

| | | | | |
|-----------|----------|-----------|----------|------------|
| 11 | × | 1 | = | 11 |
| 11 | × | 2 | = | 22 |
| 11 | × | 3 | = | 33 |
| 11 | × | 4 | = | 44 |
| 11 | × | 5 | = | 55 |
| 11 | × | 6 | = | 66 |
| 11 | × | 7 | = | 77 |
| 11 | × | 8 | = | 88 |
| 11 | × | 9 | = | 99 |
| 11 | × | 10 | = | 110 |

Multiplication Table of 12

| | | | | |
|-----------|----------|-----------|----------|------------|
| 12 | × | 1 | = | 12 |
| 12 | × | 2 | = | 24 |
| 12 | × | 3 | = | 36 |
| 12 | × | 4 | = | 48 |
| 12 | × | 5 | = | 60 |
| 12 | × | 6 | = | 72 |
| 12 | × | 7 | = | 84 |
| 12 | × | 8 | = | 96 |
| 12 | × | 9 | = | 108 |
| 12 | × | 10 | = | 120 |



FUN TIME

Match the following columns :



11 tens are
 12×7
12 fives are
 11×4
12 nines are
 12×2
11 sixes are

60
24
108
110
84
66
44



Multiplication Tables of 13 and 14

Multiplication Table of 13

| | | | | |
|----|----------|----|---|-----|
| 13 | \times | 1 | = | 13 |
| 13 | \times | 2 | = | 26 |
| 13 | \times | 3 | = | 39 |
| 13 | \times | 4 | = | 52 |
| 13 | \times | 5 | = | 65 |
| 13 | \times | 6 | = | 78 |
| 13 | \times | 7 | = | 91 |
| 13 | \times | 8 | = | 104 |
| 13 | \times | 9 | = | 117 |
| 13 | \times | 10 | = | 130 |

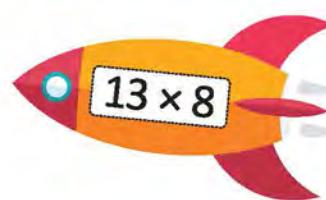
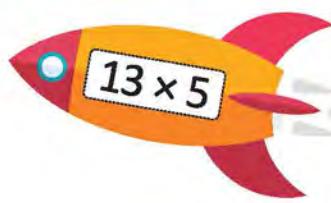
Multiplication Table of 14

| | | | | |
|----|----------|----|---|-----|
| 14 | \times | 1 | = | 14 |
| 14 | \times | 2 | = | 28 |
| 14 | \times | 3 | = | 42 |
| 14 | \times | 4 | = | 56 |
| 14 | \times | 5 | = | 70 |
| 14 | \times | 6 | = | 84 |
| 14 | \times | 7 | = | 98 |
| 14 | \times | 8 | = | 112 |
| 14 | \times | 9 | = | 126 |
| 14 | \times | 10 | = | 140 |



FUN TIME

Multiply and write the answer inside the rocket smoke :



Multiplication Tables of 15 and 16

Multiplication Table of 15

| | | | | |
|----|----------|----|---|-----|
| 15 | \times | 1 | = | 15 |
| 15 | \times | 2 | = | 30 |
| 15 | \times | 3 | = | 45 |
| 15 | \times | 4 | = | 60 |
| 15 | \times | 5 | = | 75 |
| 15 | \times | 6 | = | 90 |
| 15 | \times | 7 | = | 105 |
| 15 | \times | 8 | = | 120 |
| 15 | \times | 9 | = | 135 |
| 15 | \times | 10 | = | 150 |

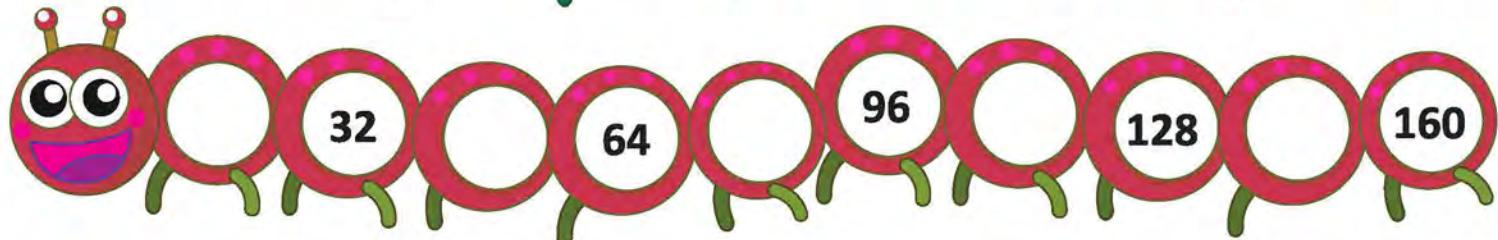
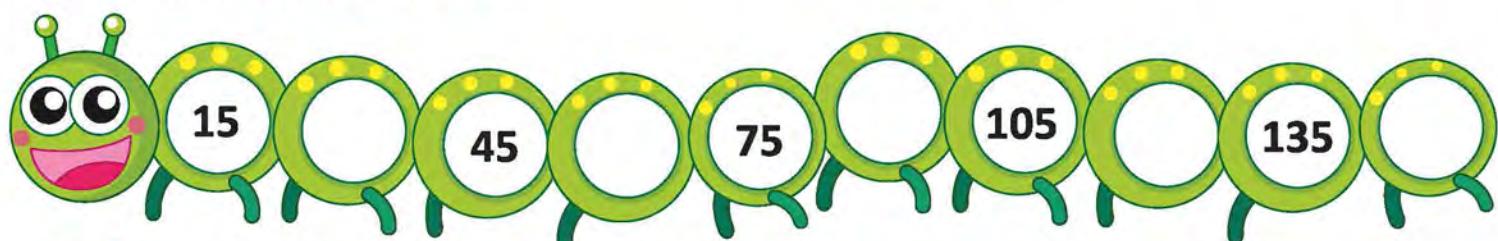
Multiplication Table of 16

| | | | | |
|----|----------|----|---|-----|
| 16 | \times | 1 | = | 16 |
| 16 | \times | 2 | = | 32 |
| 16 | \times | 3 | = | 48 |
| 16 | \times | 4 | = | 64 |
| 16 | \times | 5 | = | 80 |
| 16 | \times | 6 | = | 96 |
| 16 | \times | 7 | = | 112 |
| 16 | \times | 8 | = | 128 |
| 16 | \times | 9 | = | 144 |
| 16 | \times | 10 | = | 160 |



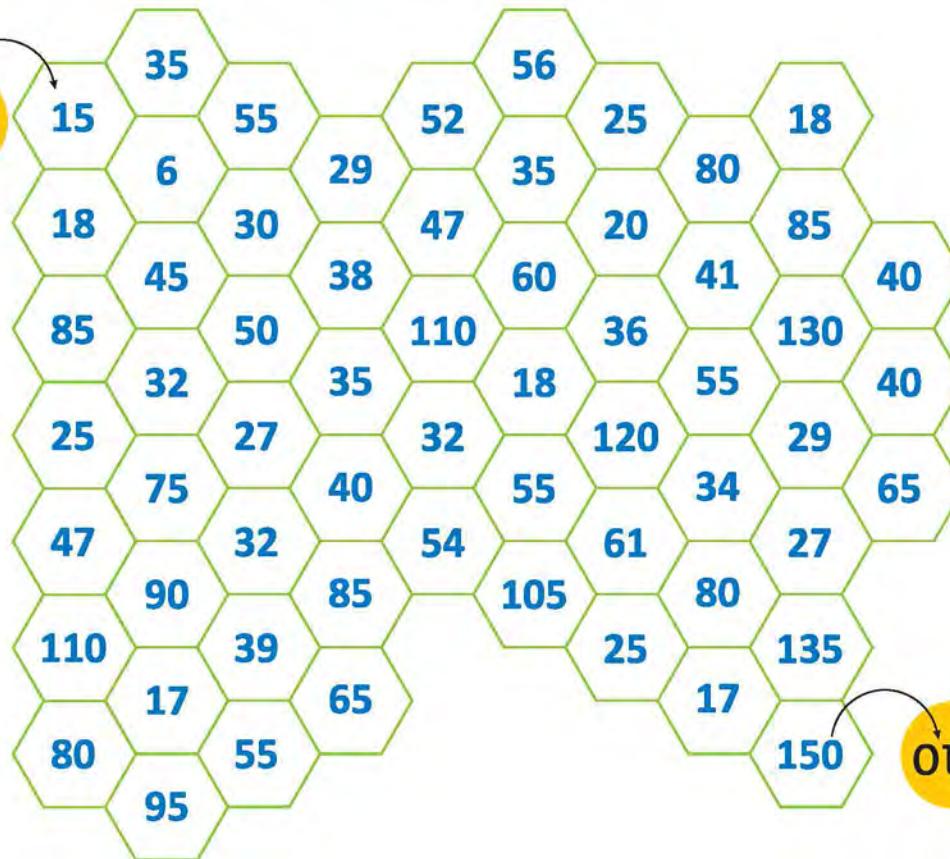
FUN TIME

Fill in the missing numbers :





A. Miku monkey wants to eat bananas. Help it reach them by colouring the path laid by the numbers that are part of the table of 15 :



B. Fill answers in the boxes :

$16 \times 5 = \boxed{}$

$13 \times 4 = \boxed{}$

$14 \times 6 = \boxed{}$

$15 \times 3 = \boxed{}$

$14 \times 8 = \boxed{}$

$16 \times 4 = \boxed{}$

$14 \times 2 = \boxed{}$

$15 \times 5 = \boxed{}$

$13 \times 2 = \boxed{}$

$13 \times 8 = \boxed{}$

$16 \times 9 = \boxed{}$

$15 \times 7 = \boxed{}$