



# CH9: HOW MANY TIMES?

- Multiplication Fact
- Single Digit multiplication
- Date: 31.5.21

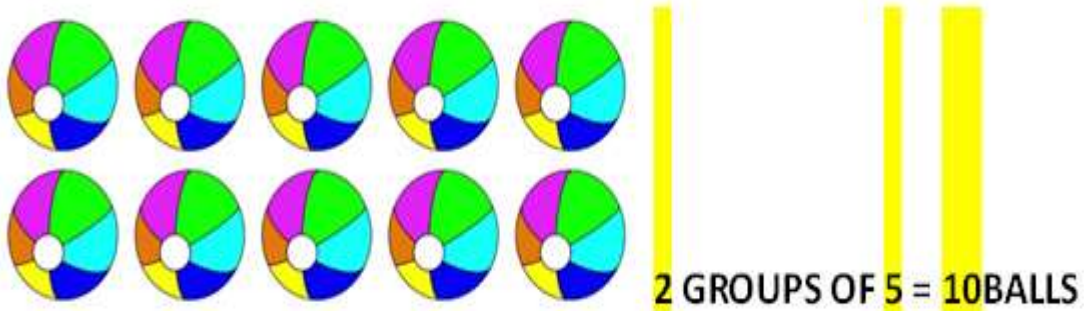
CHAPTER 9: HOW MANY TIMES?(WS 33)

1) MULTIPLICATION IS REPEATED .....(ADDITION/SUBTRACTION)

2) 12 TIMES 5 =  $12 \times 5 = 60$

3)  $9+9+9+9+9=5 \times 9 = 45$

4)



5) A) 3 GROUPS OF 4 = 12



B)  $8 + 8 + 8 = 24$  [solve by repeated addition method]

6) A)  $5 + 5 + 5 = 15$

B) 3 GROUPS OF 5 = 15



7) I am predecessor of 100, when you multiply me by 1, the product is ..... (99/100)

EXP: Predecessor of 100 = 99

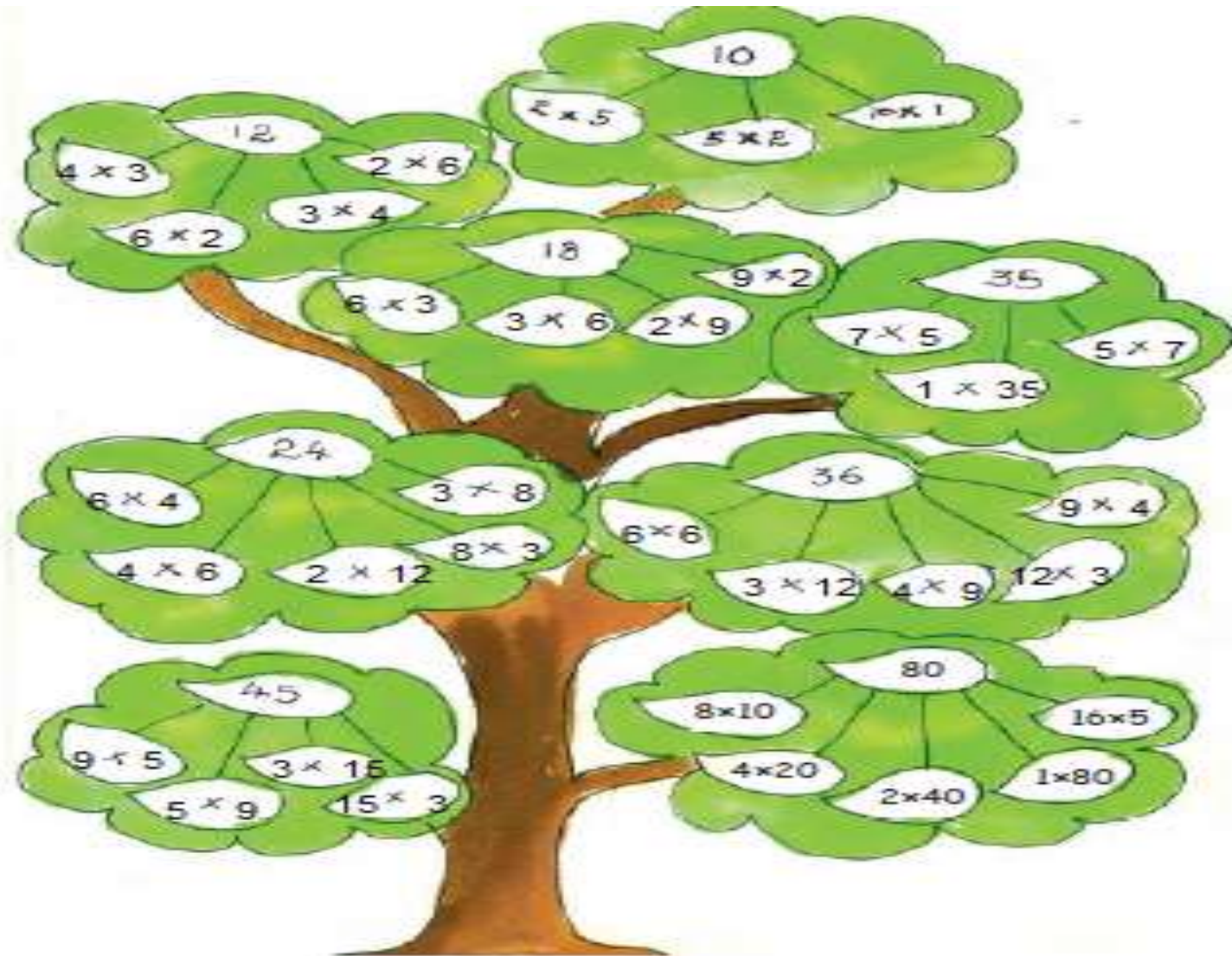
$99 \times 1 = 99$

8)  $89 \times 4 = 4 \times 89$

9) Solve :  $678934 \times 0 = 0$

10) Solve by repeated addition:  $12 + 12 + 12 + 12 + 12 = 5 \times 12 = 60$

# MULTIPLICATION FACT TREE



# MULTIPLICATION FACTS:

Example:

**Find the multiplication facts of the following:**

**1)20**

$$4 \times 5 = 20$$

$$1 \times 20 = 20$$

$$2 \times 10 = 20$$

Explanation: **Multiplication facts of 20 are those numbers, which you multiply to get 20 as an answer.**

# MULTIPLICATION FACTS:

Example:

**Find the multiplication facts of the following:**

**1) 36**

$$6 \times 6 = 36$$

$$1 \times 36 = 36$$

$$2 \times 18 = 36$$

$$12 \times 3 = 36$$

$$9 \times 4 = 36$$

Explanation: **Multiplication facts of 36 are those numbers those, which you multiply to get 36 as an answer.**

# SINGLE DIGIT MULTIPLICATION

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ \textcircled{1} \quad \textcircled{2} \\ 3 \quad 5 \quad 7 \\ \hline \quad \times 3 \\ \hline 1 \quad 0 \quad 7 \quad 1 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 2 \quad 4 \quad 2 \\ \hline \quad \times 2 \\ \hline 4 \quad 8 \quad 4 \end{array}$$

# SOLVE:

$$\begin{array}{r} 1) \quad 6 \ 7 \ 8 \\ \underline{\quad X \ 4} \end{array}$$

$$\begin{array}{r} 2) \quad 7 \ 8 \ 9 \\ \underline{\quad X \ 2} \end{array}$$

# CHECK YOUR ANSWER

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ \textcircled{3} \quad \textcircled{3} \quad \text{O} \\ 6 \quad 7 \quad 8 \\ \hline \quad \quad \text{X} \quad 4 \\ \hline \underline{2 \quad 7 \quad 1 \quad 2} \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ \textcircled{1} \quad \textcircled{1} \quad \text{O} \\ 7 \quad 8 \quad 9 \\ \hline \quad \quad \text{X} \quad 2 \\ \hline \underline{1 \quad 5 \quad 7 \quad 8} \end{array}$$

SATISH CHANDRA MEMORIAL SCHOOL

CLASS: III SUB: MATHEMATICS

CH9: HOW MANY TIMES? (WS34)

1)  $89 \times \dots = 89$

2)  $34 \times 0 = ?$

3)  $81 = \dots \times 9$

4) MULTIPLICATION FACTS OF:  $6 \times ? = 72$

5) WRITE TWO MULTIPLICATION FACTS OF

A)  $45 = \dots \times \dots$  ;  $45 = \dots \times \dots$

B)  $36 = \dots \times \dots$  ;  $36 = \dots \times \dots$

6) SOLVE THE FOLLOWING:

A)  $\begin{array}{r} 367 \\ \times 3 \\ \hline \end{array}$

B)  $\begin{array}{r} 500 \\ \times 2 \\ \hline \end{array}$

C)  $\begin{array}{r} 890 \\ \times 9 \\ \hline \end{array}$



THANK YOU