

# CHAPTER 9: HOW MANY TIMES?

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- ❑ DOUBLE DIGIT MULTIPLICATION
- ❑ QUESTIONS FROM NCERT (WS 35)

# WS34

SATISH CHANDRA MEMORIAL SCHOOL

CLASS: III SUB: MATHEMATICS

CH9: HOW MANY TIMES? (WS34)

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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)  $367$       B)  $500$       C)  $890$

$\begin{array}{r} 367 \\ \times 3 \\ \hline \end{array}$        $\begin{array}{r} 500 \\ \times 2 \\ \hline \end{array}$        $\begin{array}{r} 890 \\ \times 9 \\ \hline \end{array}$

1)  $89 \times 1 = 89$

2)  $34 \times 0 = 0$

3)  $81 = 9 \times 9$

4) MULTIPLICATION FACTS OF:  $6 \times 12 = 72$

5) WRITE TWO MULTIPLICATION FACTS OF

A)  $45 = 9 \times 5$  ;  $45 = 15 \times 3$  OR  $1 \times 45$

B)  $36 = 6 \times 6$  ;  $36 = 18 \times 2$  OR  $9 \times 4$  ;  $12 \times 3$  ;  $1 \times 36$

6) SOLVE THE FOLLOWING:

A)  $\begin{array}{r} \boxed{2} \boxed{2} \\ 367 \\ \times 3 \\ \hline \end{array}$

$\begin{array}{r} 1101 \end{array}$

$\begin{array}{r} 1101 \end{array}$

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

$\begin{array}{r} 1000 \end{array}$

$\begin{array}{r} 1000 \end{array}$

C)  $\begin{array}{r} \boxed{8} \\ 890 \\ \times 9 \\ \hline \end{array}$

$\begin{array}{r} 8010 \end{array}$

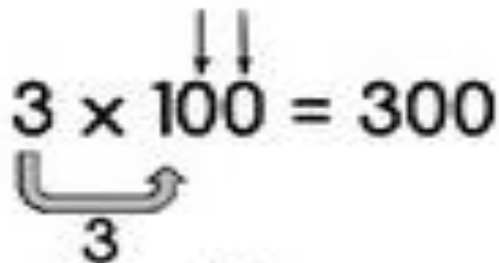
$\begin{array}{r} 8010 \end{array}$

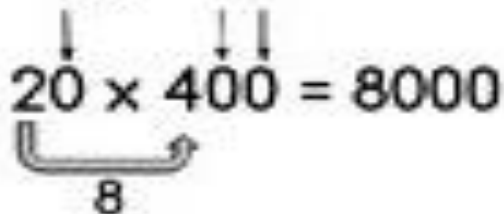


# QUICK TRICK

Steps to Solve.

1. Multiply the two digit basic fact.
2. Count the number of zeroes in the problem.
3. Add that many zeroes to the answer.

$$3 \times 100 = 300$$


$$20 \times 400 = 8000$$


## WS 35

**A) ARRANGE IN COLUMNS AND MULTIPLY:**

**1)  $207 \times 12$**

**2)  $561 \times 23$**

**B) SOLVE MENTALLY**

**1)  $230 \times 10$**

**2)  $9870 \times 100$**

**3)  $42 \times 200$**

# CHECK YOUR ANSWERS

**A) ARRANGE IN COLUMNS AND MULTIPLY:**

Handwritten multiplication problems in columns:

1) 
$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ \quad \quad \quad \textcircled{1} \\ \quad \quad \quad 2 \quad 0 \quad 7 \\ \quad \quad \quad \times \quad 1 \quad 2 \\ \hline \quad \quad \quad 4 \quad 1 \quad 4 \\ + 2 \quad 0 \quad 7 \quad \times \\ \hline \quad \quad 2 \quad 4 \quad 8 \quad 4 \end{array}$$

2) 
$$\begin{array}{r} \text{Th} \quad \text{H} \quad \text{T} \quad \text{O} \\ \quad \quad \quad \textcircled{1} \\ \quad \quad \quad \textcircled{1} \\ \quad \quad \quad 5 \quad 6 \quad 1 \\ \quad \quad \quad \times \quad 2 \quad 3 \\ \hline \quad \quad \quad 1 \quad 6 \quad 8 \quad 3 \\ + 1 \quad 1 \quad 2 \quad \times \\ \hline \quad \quad 1 \quad 2 \quad 9 \quad 0 \quad 3 \end{array}$$

**B) SOLVE MENTALLY**

1)  $230 \times 10 = 2300$

2)  $9870 \times 100 = 987000$

3)  $42 \times 200 = 8400$

**THANK YOU**

