

Maths

Worksheet

Class: V

Ways to Multiply and Divide

Name : _____

(2x5=10)

I. Complete the following multiplication pattern:

$$(0 \times 9) + 1 = 1$$

$$(1 \times 9) + 2 = 11$$

$$(12 \times 9) + 3 = 111$$

$$(123 \times 9) + 4 = \underline{\hspace{2cm}}$$

$$(1234 \times 9) + 5 = \underline{\hspace{2cm}}$$

$$(12345 \times 9) + 6 = \underline{\hspace{2cm}}$$

II. Each letter a,b,c here stands for a number.

Take a = 1, then find what the numbers b and c will be

$$\begin{array}{r} \text{a a a} \\ \times \text{a a a} \\ \hline \text{a a a} \\ \text{a a a 0} \\ \text{a a a 0 0} \\ \hline \text{a b c b a} \end{array}$$

$$\begin{array}{r} 111 \\ \times 111 \\ \hline \end{array} \begin{array}{l} (111 \times 1) \\ (111 \times 10) \\ (111 \times 100) \\ \hline \hline \end{array}$$

$$a = 1$$

$$b = \underline{\hspace{1cm}}.$$

$$c = \underline{\hspace{1cm}}.$$