

# Math Practice Sheets

Multiplying by 1-Digit Numbers Part II

Student Name

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**Examples**

**Practice Questions**

**Extra Challenge Unit**

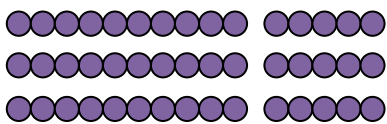
**Unit  
8.1**

**Expanded Form in Multiplication**

**Example**

How many players are there in 3 groups if each group has 15 players?

Make an array of  $3 \times 15$ .



$$(3 \times 10) + (3 \times 5)$$

$$30 + 15 = 45$$

Also, 15

$$\begin{array}{r} 15 \\ \times 3 \\ \hline 15 \\ +30 \\ \hline 45 \end{array}$$

Partial products  
These are products of  $3 \times 5$  and  $10 \times 3$ .

So, there are 45 players in all.

**Exercise**

1. Complete the following calculations. Make arrays if necessary.

a) 
$$\begin{array}{r} 19 \\ \times 4 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

b) 
$$\begin{array}{r} 38 \\ \times 3 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

c) 
$$\begin{array}{r} 49 \\ \times 2 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

d) 
$$\begin{array}{r} 27 \\ \times 4 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

e) 
$$\begin{array}{r} 29 \\ \times 4 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

f) 
$$\begin{array}{r} 18 \\ \times 6 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

g) 
$$\begin{array}{r} 13 \\ \times 9 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

h) 
$$\begin{array}{r} 17 \\ \times 9 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

i) 
$$\begin{array}{r} 49 \\ \times 2 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

j) 
$$\begin{array}{r} 25 \\ \times 6 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

k) 
$$\begin{array}{r} 39 \\ \times 3 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

l) 
$$\begin{array}{r} 57 \\ \times 4 \\ \hline \\ + \underline{\quad\quad} \end{array}$$

m) 
$$\begin{array}{r} 22 \\ \times 4 \\ \hline \end{array}$$

n) 
$$\begin{array}{r} 45 \\ \times 4 \\ \hline \end{array}$$

o) 
$$\begin{array}{r} 29 \\ \times 9 \\ \hline \end{array}$$

p) 
$$\begin{array}{r} 97 \\ \times 3 \\ \hline \end{array}$$