

Name : _____

Score : _____ Date : _____

Partial Products Multiplication

Solved

		1	2
	×	1	4
<hr/>			
			8
		4	0
		2	0
+	1	0	0
	1	6	8

$$\begin{aligned} & (10 + 2) \\ & (10 + 4) \\ & = \underline{4} \times \underline{2} \\ & = \underline{4} \times \underline{10} \\ & = \underline{10} \times \underline{2} \\ & = \underline{10} \times \underline{10} \end{aligned}$$

		2	6
	×	1	4
<hr/>			

$$\begin{aligned} & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \end{aligned}$$

		2	8
	×	1	1
<hr/>			

$$\begin{aligned} & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \end{aligned}$$

		3	5
	×	1	7
<hr/>			

$$\begin{aligned} & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \end{aligned}$$

		4	4
	×	2	2
<hr/>			

$$\begin{aligned} & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \end{aligned}$$

		3	2
	×	1	2
<hr/>			

$$\begin{aligned} & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \\ & = \underline{\quad} \times \underline{\quad} \end{aligned}$$

Name : _____

Score : _____ Date : _____

Partial Products Multiplication

Answers

Solved

		1	2
	×	1	4
<hr/>			
			8
		4	0
		2	0
+	1	0	0
	1	6	8

$$\begin{aligned} & (10 + 2) \\ & (10 + 4) \\ & = \underline{4} \times \underline{2} \\ & = \underline{4} \times \underline{10} \\ & = \underline{10} \times \underline{2} \\ & = \underline{10} \times \underline{10} \end{aligned}$$

		2	6
	×	1	4
<hr/>			
		2	4
		8	0
		6	0
+	2	0	0
	3	6	4

$$\begin{aligned} & = \underline{4} \times \underline{6} \\ & = \underline{4} \times \underline{20} \\ & = \underline{10} \times \underline{6} \\ & = \underline{10} \times \underline{20} \end{aligned}$$

		2	8
	×	1	1
<hr/>			
			8
		2	0
		8	0
+	2	0	0
	3	0	8

$$\begin{aligned} & = \underline{1} \times \underline{8} \\ & = \underline{1} \times \underline{20} \\ & = \underline{10} \times \underline{8} \\ & = \underline{10} \times \underline{20} \end{aligned}$$

		3	5	
	×	1	7	
<hr/>				
		3	5	
		2	1	0
		5	0	
+	3	0	0	
	5	9	5	

$$\begin{aligned} & = \underline{7} \times \underline{5} \\ & = \underline{7} \times \underline{30} \\ & = \underline{10} \times \underline{5} \\ & = \underline{10} \times \underline{30} \end{aligned}$$

		4	4
	×	2	2
<hr/>			
			8
		8	0
		8	0
+	8	0	0
	9	6	8

$$\begin{aligned} & = \underline{2} \times \underline{4} \\ & = \underline{2} \times \underline{40} \\ & = \underline{20} \times \underline{4} \\ & = \underline{20} \times \underline{40} \end{aligned}$$

		3	2
	×	1	2
<hr/>			
			4
		6	0
		2	0
+	3	0	0
	3	8	4

$$\begin{aligned} & = \underline{2} \times \underline{2} \\ & = \underline{2} \times \underline{30} \\ & = \underline{10} \times \underline{2} \\ & = \underline{10} \times \underline{30} \end{aligned}$$