

# Recording Your Process of Multiplication

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Use the chart and vertical record to help you complete each problem.

1  $13 \times 18 = \square$

×	10	3	13
10	100		
8			
18			

$10 \times 10$  →

$3 \times 10$  →

$10 \times 8$  →

$3 \times 8$  →

$13 \times 18$  →

		1	3
	×	1	8
		1	0

2  $23 \times 14 = \square$

×	20	3	23
4			
10			
14			

$20 \times 4$  →

→

→

→

$23 \times 14$  →

		2	3
	×	1	4

Find the products. Record your work in the boxes below each problem.

3

$$\begin{array}{r} 27 \\ \times 16 \\ \hline \end{array}$$


4

$$\begin{array}{r} 38 \\ \times 43 \\ \hline \end{array}$$


5

$$\begin{array}{r} 26 \\ \times 54 \\ \hline \end{array}$$


6

$$\begin{array}{r} 67 \\ \times 68 \\ \hline \end{array}$$


7

$$\begin{array}{r} 68 \\ \times 68 \\ \hline \end{array}$$


8

$$\begin{array}{r} 67 \\ \times 69 \\ \hline \end{array}$$


**9 Challenge** 86 people came to the school car wash. The charge for having your car washed was \$12. The students spent \$150 on supplies. How much money did they make, after paying for supplies?

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