

From Charts to Vertical Records

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

Fill in the boxes to complete each problem.

1

$18 \times 6 = \square$

6	
10	6×10
8	8×6

×	6
10	
8	
18	

1	8
×	6
	6
	0

Arrows indicate the flow of information from the chart to the vertical record, and from the vertical record to the final grid.

2

$30 \times 14 = \square$

30	
10	
4	

×	30
10	
4	
14	

1	4
×	3
	0

Arrows indicate the flow of information from the chart to the vertical record, and from the vertical record to the final grid.

3

$18 \times 60 = \square$

10	8
60	

×	10	8	18
60			

1	8	
×	6	0

Arrows indicate the flow of information from the chart to the vertical record, and from the vertical record to the final grid.

4

	1	6
×	2	0

5

	4	0
×	1	7

6

	2	5
×	6	0

7

	5	0
×	3	8

8

	8	0
×	1	9

9

	4	1
×	9	0

10 Challenge Rachel's mom bought 30 books at the book fair. Ten of the books cost \$12 each, and the rest of the books cost \$11 each. How much did she spend?

\$