

Making a Vertical Record

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

Complete the diagram and the vertical record.

1

		13
		× 14
		100
		30

10	3	
┌──────────┴──────────┐		
10	100	30
4	└──────────┬──────────┘	

2

		12
		× 26

	10	2	
	┌──────────┴──────────┐		
20			
6	└──────────┬──────────┘		

3

		25
		× 36

	20	5	
	┌──────────┴──────────┐		
30			
6	└──────────┬──────────┘		

4

		31
		× 38

	30	1	
	┌──────────┴──────────┐		
30			
8	└──────────┬──────────┘		

Find the product. Draw a diagram if it helps.

5 28
× 28

6 27
× 29

7 33
× 33

8 32
× 34

Solve.

9 Three planes each make 8 flights to the desert. Each plane can take 45 boxes of bottled water. How many boxes of bottled water are delivered?

10 Challenge Jasmine is selling knitted scarves at the craft fair for \$15.00. She wants to buy candles for \$8.00 each. If Jasmine sells 38 scarves, how many candles can she buy?
