

1a. B

2a. $234 \times 2 = 468$

3a. No, $437 \times 5 = 2,185$.

4a. A

5a.

	2	2	4
x			4
	8	9	6
			1

6a. No, $504 \times 7 = 3,528$

7a. $864 \times 4 = 3,456$ and $432 \times 8 = 3,456$.
The numbers 3, 6, 735 and 908 cannot be used.

8a.

	9	5	3
x			9
8	5	7	7
	4	2	

9a. No, $398 \times 8 = 3,184$ and $590 \times 4 = 2,360$
so the total is 5,544.

1b. A

2b. $521 \times 3 = 1,563$

3b. Yes, $389 \times 3 = 1,167$.

4b. B

5b.

	4	7	6
x			6
2	8	5	6
	4	3	

6b. No, $430 \times 8 = 3,440$

7b. $758 \times 3 = 2,274$ and $379 \times 6 = 2,274$.
The numbers 5, 7, 542 and 680 cannot be used.

8b.

	6	3	4
x			7
4	4	3	8
	2	2	

9b. Yes, $476 \times 6 = 2,856$ and $802 \times 3 = 2,406$
so the total is 5,262.