

Name: ..... Class: .....

## Box multiplication

Use the box method to find the product of the following expressions.

1.  $12 \times 520$

12.  $420 \times 317$

23.  $810 \times 50$

2.  $693 \times 54$

13.  $365 \times 12$

24.  $314 \times 9$

3.  $293 \times 50$

14.  $135 \times 10$

25.  $454 \times 6$

4.  $15 \times 120$

15.  $19 \times 75$

26.  $7 \times 49$

5.  $390 \times 14$

16.  $75 \times 32$

27.  $345 \times 10$

6.  $133 \times 30$

17.  $156 \times 45$

28.  $213 \times 3$

7.  $120 \times 5$

18.  $22 \times 131$

29.  $426 \times 12$

8.  $600 \times 60$

19.  $222 \times 222$

30.  $666 \times 3$

9.  $218 \times 31$

20.  $514 \times 20$

31.  $900 \times 60$

10.  $183 \times 26$

21.  $144 \times 144$

32.  $17 \times 11$

11.  $113 \times 113$

22.  $219 \times 10$

33.  $54 \times 54$

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Box multiplication

Use the box method to find the product of the following expressions.

**1. 12 x 520**

Let's first of all express each value in the expression according to their place values  
 $12 \times 520 = (10 + 2) \times (500 + 20 + 0)$

Then draw the table, insert the values and multiply to get the results.

		<b>500</b>	<b>20</b>	
<b>10</b>	5 000	200		5 000
				200
<b>2</b>	1 000	40		1 000
				+ 40
				<b>6, 240</b>

**2. 693 x 54**

Let's first of all express each value in the expression according to their place values  
 $693 \times 54 = (600 + 90 + 3) \times (50 + 4)$

Then draw the table, insert the values and multiply to get the results.

		<b>600</b>	<b>90</b>	<b>3</b>	
<b>50</b>	30 000	4 500	150		30 000
					4 500
					150
<b>4</b>	2 400	360	12		2 400
					360
					+ 12
					<b>37 422</b>