

Area Model Multiplication

Grade 4 | 9 problems | About 20 minutes

Name: _____

Date: _____

Score ____ / 9

Part A: 2-digit $\times$ 1-digit

Fill in each box. Then add the boxes.

1. 89×4

	80	9
4		

Total: _____

2. 72×8

	70	2
8		

Total: _____

3. 59×4

	50	9
4		

Total: _____

Part B: 2-digit $\times$ 2-digit

Fill in each box. Then add the boxes.

4. 34×43

	30	4
40		
3		

Total: _____

5. 65×22

	60	5
20		
2		

Total: _____

6. 29×16

	20	9
10		
6		

Total: _____

Part C: Draw your own

Split both numbers by place value, fill the boxes, then add.

7. 75×18

Total: _____

8. 87×16

Total: _____

9. 81×46

Total: _____

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Part A: 2-digit $\times$ 1-digit Fill in each box. Then add the boxes.

1. 89×4

	80	9
4	320	36

Total: 356

2. 72×8

	70	2
8	560	16

Total: 576

3. 59×4

	50	9
4	200	36

Total: 236

Part B: 2-digit $\times$ 2-digit Fill in each box. Then add the boxes.

4. 34×43

	30	4
40	1,200	160
3	90	12

Total: 1,462

5. 65×22

	60	5
20	1,200	100
2	120	10

Total: 1,430

6. 29×16

	20	9
10	200	90
6	120	54

Total: 464

Part C: Draw your own Split both numbers by place value, fill the boxes, then add.

7. 75×18

	<u>70</u>	<u>5</u>
<u>10</u>	700	50
<u>8</u>	560	40

Total: 1,350

8. 87×16

	<u>80</u>	<u>7</u>
<u>10</u>	800	70
<u>6</u>	480	42

Total: 1,392

9. 81×46

	<u>80</u>	<u>1</u>
<u>40</u>	3,200	40
<u>6</u>	480	6

Total: 3,726