Task card 1 Multiply 2-Digit Numbers with an A...

The area model shows 38 × 91. Add the four partial products to find 38 × 91.

	90	1
30	2700	30
8	720	8

Task card 2 Multiply 2-Digit Numbers with an A...

The area model shows 42 × 64. Add the four partial products to find 42 × 64.

	60	4
40	2400	160
2	120	8

Task card 3 Multiply 2-Digit Numbers with an A...

22 × 57 = (20 × 50) + (20 × 7) + (2 × 50) + (2 × 7) = 1000 + 140 + 100 + ___. What is the missing partial product?

Task card 4 Multiply 2-Digit Numbers with an A...

Add the two rows of the area model: 73 × 39 = (70 × 39) + (3 × 39) = 2730 + ___

Task card 5 Multiply 2-Digit Numbers with an A...

The area model shows 44 × 52. Add the four partial products to find 44 × 52.

	50	2
40	2000	80
4	200	8

Task card 6 Multiply 2-Digit Numbers with an A...

The area model shows 84 × 49. Add the four partial products to find 84 × 49.

	40	9
80	3200	720
4	160	36

Task card 7 Multiply 2-Digit Numbers with an A...

89 × 97 = (80 × 90) + (80 × 7) + (9 × 90) + (9 × 7) = 7200 + 560 + 810 + ___. What is the missing partial product?

Task card 8 Multiply 2-Digit Numbers with an A...

Add the two rows of the area model: 62 × 34 = (60 × 34) + (2 × 34) = 2040 + ___

Task card 9 Multiply 2-Digit Numbers with an A...

The area model shows 76 × 99. Add the four partial products to find 76 × 99.

	90	9
70	6300	630
6	540	54

Task card 10 Multiply 2-Digit Numbers with an A...

The area model shows 63 × 46. Add the four partial products to find 63 × 46.

	40	6
60	2400	360
3	120	18

Task card 11 Multiply 2-Digit Numbers with an A...

76 × 51 = (70 × 50) + (70 × 1) + (6 × 50) + (6 × 1) = 3500 + ___ + 300 + 6. What is the missing partial product?

Task card 12 Multiply 2-Digit Numbers with an A...

Add the two rows of the area model: 71 × 87 = (70 × 87) + (1 × 87) = 6090 + ___

Task card 13 Multiply 2-Digit Numbers with an A...

The area model shows 92 × 92. Add the four partial products to find 92 × 92.

	90	2
90	8100	180
2	180	4

Task card 14 Multiply 2-Digit Numbers with an A...

The area model shows 61 × 42. Add the four partial products to find 61 × 42.

	40	2
60	2400	120
1	40	2

Task card 15 Multiply 2-Digit Numbers with an A...

94 × 72 = (90 × 70) + (90 × 2) + (4 × 70) + (4 × 2) = 6300 + 180 + ___ + 8. What is the missing partial product?

Task card 16 Multiply 2-Digit Numbers with an A...

Add the two rows of the area model: 73 × 88 = (70 × 88) + (3 × 88) = 6160 + ___

Task card 17 Multiply 2-Digit Numbers with an A...

The area model shows 35 × 82. Add the four partial products to find 35 × 82.

	80	2
30	2400	60
5	400	10

Task card 18 Multiply 2-Digit Numbers with an A...

The area model shows 69 × 23. Add the four partial products to find 69 × 23.

	20	3
60	1200	180
9	180	27

Task card 19 Multiply 2-Digit Numbers with an A...

$74 \times 76 = (70 \times 70) + (70 \times 6) + (4 \times 70) + (4 \times 6) = 4900 + 420 + 280 + ___$. What is the missing partial product?

Task card 20 Multiply 2-Digit Numbers with an A...

Add the two rows of the area model: $77 \times 84 = (70 \times 84) + (7 \times 84) = 5880 + ___$

Task card 21 Multiply 2-Digit Numbers with an A...

The area model shows 55×56. Add the four partial products to find 55×56.

	50	6
50	2500	300
5	250	30

Task card 22 Multiply 2-Digit Numbers with an A...

The area model shows 41×23. Add the four partial products to find 41×23.

	20	3
40	800	120
1	20	3

Task card 23 Multiply 2-Digit Numbers with an A...

$79 \times 62 = (70 \times 60) + (70 \times 2) + (9 \times 60) + (9 \times 2) = 4200 + 140 + ___ + 18$. What is the missing partial product?

Task card 24 Multiply 2-Digit Numbers with an A...

Add the two rows of the area model: $88 \times 42 = (80 \times 42) + (8 \times 42) = 3360 + ___$

Multiply 2-Digit Numbers with an Area Model Task Cards

Recording sheet · Grade 4 · Use the area model and its partial products. Find the missing number or the whole product.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Multiply 2-Digit Numbers with an Area Model Task Cards: Answer Key

Grade 4 · Hard

The answers online

1. 3458	**2.** 2688	**3.** 14
4. 117	**5.** 2288	**6.** 4116
7. 63	**8.** 68	**9.** 7524
10. 2898	**11.** 70	**12.** 87
13. 8464	**14.** 2562	**15.** 280
16. 264	**17.** 2870	**18.** 1587
19. 24	**20.** 588	**21.** 3080
22. 943	**23.** 540	**24.** 336