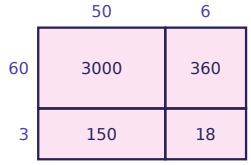
Multiply 2-Digit Numbers with an Area Model · 1

The area model shows 63 × 56. Add the four partial products to find 63 × 56.




Multiply 2-Digit Numbers with an Area Model · 2

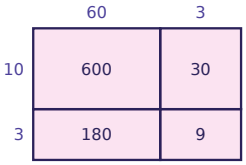
38 × 16 = (30 × 10) + (30 × 6) + (8 × 10) + (8 × 6) = 300 + 180 + ___ + 48. What is the missing partial product?

Multiply 2-Digit Numbers with an Area Model · 3

Add the two rows of the area model: 44 × 16 = (40 × 16) + (4 × 16) = 640 + ___

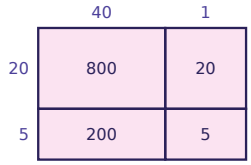
Multiply 2-Digit Numbers with an Area Model · 4

The area model shows 13 × 63. Add the four partial products to find 13 × 63.




Multiply 2-Digit Numbers with an Area Model · 5

The area model shows 25 × 41. Add the four partial products to find 25 × 41.




Multiply 2-Digit Numbers with an Area Model · 6

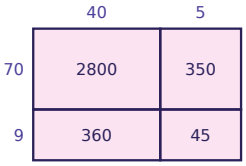
13 × 55 = (10 × 50) + (10 × 5) + (3 × 50) + (3 × 5) = 500 + 50 + ___ + 15. What is the missing partial product?

Multiply 2-Digit Numbers with an Area Model · 7

Add the two rows of the area model: 37 × 17 = (30 × 17) + (7 × 17) = 510 + ___

Multiply 2-Digit Numbers with an Area Model · 8

The area model shows 79 × 45. Add the four partial products to find 79 × 45.



Multiply 2-Digit Numbers with an Area Model · 2

**ANSWER**

# 80

Multiply 2-Digit Numbers with an Area Model · 1

**ANSWER**

# 3528

Multiply 2-Digit Numbers with an Area Model · 4

**ANSWER**

# 819

Multiply 2-Digit Numbers with an Area Model · 3

**ANSWER**

# 64

Multiply 2-Digit Numbers with an Area Model · 6

**ANSWER**

# 150

Multiply 2-Digit Numbers with an Area Model · 5

**ANSWER**

# 1025

Multiply 2-Digit Numbers with an Area Model · 8

**ANSWER**

# 3555

Multiply 2-Digit Numbers with an Area Model · 7

**ANSWER**

# 119

Multiply 2-Digit Numbers with an Area Model · 9

The area model shows 45 × 77. Add the four partial products to find 45 × 77.

| | 70 | 7 |
|---|---|---|
| 40 | 2800 | 280 |
| 5 | 350 | 35 |

Multiply 2-Digit Numbers with an Area Model · 10

72 × 61 = (70 × 60) + (70 × 1) + (2 × 60) + (2 × 1) = 4200 + 70 + 120 + ___. What is the missing partial product?

Multiply 2-Digit Numbers with an Area Model · 11

Add the two rows of the area model: 46 × 36 = (40 × 36) + (6 × 36) = 1440 + ___

Multiply 2-Digit Numbers with an Area Model · 12

The area model shows 26 × 45. Add the four partial products to find 26 × 45.

| | 40 | 5 |
|---|---|---|
| 20 | 800 | 100 |
| 6 | 240 | 30 |

Multiply 2-Digit Numbers with an Area Model · 13

66 × 53 = (60 × 50) + (60 × 3) + (6 × 50) + (6 × 3) = 3000 + ___ + 300 + 18. What is the missing partial product?

Multiply 2-Digit Numbers with an Area Model · 14

Add the two rows of the area model: 25 × 65 = (20 × 65) + (5 × 65) = 1300 + ___

Multiply 2-Digit Numbers with an Area Model · 15

The area model shows 13 × 54. Add the four partial products to find 13 × 54.

| | 50 | 4 |
|---|---|---|
| 10 | 500 | 40 |
| 3 | 150 | 12 |

Multiply 2-Digit Numbers with an Area Model · 16

The area model shows 57 × 54. Add the four partial products to find 57 × 54.

| | 50 | 4 |
|---|---|---|
| 50 | 2500 | 200 |
| 7 | 350 | 28 |

Multiply 2-Digit Numbers with an Area Model · 10

**ANSWER**

**2**

Multiply 2-Digit Numbers with an Area Model · 9

**ANSWER**

**3465**

Multiply 2-Digit Numbers with an Area Model · 12

**ANSWER**

**1170**

Multiply 2-Digit Numbers with an Area Model · 11

**ANSWER**

**216**

Multiply 2-Digit Numbers with an Area Model · 14

**ANSWER**

**325**

Multiply 2-Digit Numbers with an Area Model · 13

**ANSWER**

**180**

Multiply 2-Digit Numbers with an Area Model · 16

**ANSWER**

**3078**

Multiply 2-Digit Numbers with an Area Model · 15

**ANSWER**

**702**

Multiply 2-Digit Numbers with an Area Model · 17

57 × 43 = (50 × 40) + (50 × 3) + (7 × 40) + (7 × 3) = 2000 + 150 + ___ + 21. What is the missing partial product?

Multiply 2-Digit Numbers with an Area Model · 18

Add the two rows of the area model: 27 × 13 = (20 × 13) + (7 × 13) = 260 + ___

Multiply 2-Digit Numbers with an Area Model · 19

The area model shows 47 × 74. Add the four partial products to find 47 × 74.

| | 70 | 4 |
|---|---|---|
| 40 | 2800 | 160 |
| 7 | 490 | 28 |

Multiply 2-Digit Numbers with an Area Model · 20

The area model shows 89 × 38. Add the four partial products to find 89 × 38.

| | 30 | 8 |
|---|---|---|
| 80 | 2400 | 640 |
| 9 | 270 | 72 |

Multiply 2-Digit Numbers with an Area Model · 21

27 × 37 = (20 × 30) + (20 × 7) + (7 × 30) + (7 × 7) = 600 + ___ + 210 + 49. What is the missing partial product?

Multiply 2-Digit Numbers with an Area Model · 22

Add the two rows of the area model: 63 × 53 = (60 × 53) + (3 × 53) = 3180 + ___

Multiply 2-Digit Numbers with an Area Model · 23

The area model shows 69 × 56. Add the four partial products to find 69 × 56.

| | 50 | 6 |
|---|---|---|
| 60 | 3000 | 360 |
| 9 | 450 | 54 |

Multiply 2-Digit Numbers with an Area Model · 24

17 × 27 = (10 × 20) + (10 × 7) + (7 × 20) + (7 × 7) = 200 + ___ + 140 + 49. What is the missing partial product?

Multiply 2-Digit Numbers with an Area Model · 18

**ANSWER**

# 91

Multiply 2-Digit Numbers with an Area Model · 17

**ANSWER**

# 280

Multiply 2-Digit Numbers with an Area Model · 20

**ANSWER**

# 3382

Multiply 2-Digit Numbers with an Area Model · 19

**ANSWER**

# 3478

Multiply 2-Digit Numbers with an Area Model · 22

**ANSWER**

# 159

Multiply 2-Digit Numbers with an Area Model · 21

**ANSWER**

# 140

Multiply 2-Digit Numbers with an Area Model · 24

**ANSWER**

# 70

Multiply 2-Digit Numbers with an Area Model · 23

**ANSWER**

# 3864