

Multiplying Using Area Models: One-Digit by Three-Digit #1



Find each product using the area model. First, write the partial products in the blanks under the area model and add. Then, write the product. The first problem has been done for you.

1. $2 \times 315 = \underline{630}$

| | | | |
|---|-----|----|----|
| | 300 | 10 | 5 |
| 2 | 600 | 20 | 10 |

600 + 20 + 10

2. $3 \times 789 = \underline{\hspace{2cm}}$

| | | | |
|---|-------|-----|----|
| | 700 | 80 | 9 |
| 3 | 2,100 | 240 | 27 |

 + +

3. $5 \times 436 = \underline{\hspace{2cm}}$

| | | | |
|---|-------|-----|----|
| | 400 | 30 | 6 |
| 5 | 2,000 | 150 | 30 |

 + +

4. $6 \times 254 = \underline{\hspace{2cm}}$

| | | | |
|---|-------|-----|----|
| | 200 | 50 | 4 |
| 6 | 1,200 | 300 | 24 |

 + +

5. $4 \times 953 = \underline{\hspace{2cm}}$

| | | | |
|---|-------|-----|----|
| | 900 | 50 | 3 |
| 4 | 3,600 | 200 | 12 |

 + +

6. $7 \times 876 = \underline{\hspace{2cm}}$

| | | | |
|---|-------|-----|----|
| | 800 | 70 | 6 |
| 7 | 5,600 | 490 | 42 |

 + +

7. $9 \times 764 = \underline{\hspace{2cm}}$

| | | | |
|---|-------|-----|----|
| | 700 | 60 | 4 |
| 9 | 6,300 | 540 | 36 |

 + +

8. $8 \times 582 = \underline{\hspace{2cm}}$

| | | | |
|---|-------|-----|----|
| | 500 | 80 | 2 |
| 8 | 4,000 | 640 | 16 |

 + +