

# 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.**  $3 \times 789 = \underline{2,367}$

	700	80	9
3	2,100	240	27

2,100 + 240 + 27

**3.**  $5 \times 436 = \underline{2,180}$

	400	30	6
5	2,000	150	30

2,000 + 150 + 30

**4.**  $6 \times 254 = \underline{1,524}$

	200	50	4
6	1,200	300	24

1,200 + 300 + 24

**5.**  $4 \times 953 = \underline{3,812}$

	900	50	3
4	3,600	200	12

3,600 + 200 + 12

**6.**  $7 \times 876 = \underline{6,132}$

	800	70	6
7	5,600	490	42

5,600 + 490 + 42

**7.**  $9 \times 764 = \underline{6,876}$

	700	60	4
9	6,300	540	36

6,300 + 540 + 36

**8.**  $8 \times 582 = \underline{4,656}$

	500	80	2
8	4,000	640	16

4,000 + 640 + 16