

Name _____

Single and Triple Digit Area Multiplication Model Answer Key

Find each of the products using the area models below.

1. $5 \times 384 = \underline{1,920}$	5. $9 \times 317 = \underline{2,853}$
300 80 4 5 1500 400 20	300 10 7 9 2700 90 63
$1500 + 400 + 20 = 1,920$	$2700 + 90 + 63 = 2,853$
2. $7 \times 612 = \underline{4,284}$	6. $3 \times 486 = \underline{1,458}$
600 10 2 7 4200 70 14	400 80 6 3 1200 240 18
$4200 + 70 + 14 = 4,284$	$1200 + 240 + 18 = 1,458$
3. $4 \times 739 = \underline{2,956}$	7. $8 \times 931 = \underline{7,448}$
700 30 9 4 2800 120 36	900 30 1 8 7200 240 8
$2800 + 120 + 36 = 2,956$	$7200 + 240 + 8 = 7,448$
4. $6 \times 825 = \underline{4,950}$	8. $2 \times 754 = \underline{1,508}$
800 20 5 6 4800 120 30	700 50 4 2 1400 100 8
$4800 + 120 + 30 = 4,950$	$1400 + 100 + 8 = 1,508$