

Multiplication

Area Model 3-Digit by 3-Digit

Solved:

$$362 \times 246 = \underline{89,052}$$

	300	60	2	
200	60,000	12,000	400	= 72,400
40	12,000	2,400	80	= 14,480
6	1,800	360	12	= + 2,172
				89,052

① $276 \times 127 = \underline{\hspace{2cm}}$

				=
				=
				=

② $466 \times 286 = \underline{\hspace{2cm}}$

				=
				=
				=

③ $557 \times 352 = \underline{\hspace{2cm}}$

				=
				=
				=

④ $931 \times 232 = \underline{\hspace{2cm}}$

				=
				=
				=

Multiplication

Area Model 3-Digit by 3-Digit

Answers

Solved:

$$362 \times 246 = \underline{89,052}$$

	<u>300</u>	<u>60</u>	<u>2</u>	
<u>200</u>	60,000	12,000	400	= 72,400
<u>40</u>	12,000	2,400	80	= 14,480
<u>6</u>	1,800	360	12	= + 2,172
				89,052

① $276 \times 127 = \underline{35,052}$

	<u>200</u>	<u>70</u>	<u>6</u>	
<u>100</u>	20,000	7,000	600	= 27,600
<u>20</u>	4,000	1,400	120	= 5,520
<u>7</u>	1,400	490	42	= + 1,932
				35,052

② $466 \times 286 = \underline{133,276}$

	<u>400</u>	<u>60</u>	<u>6</u>	
<u>200</u>	80,000	12,000	1,200	= 93,200
<u>80</u>	32,000	4,800	480	= 37,280
<u>6</u>	2,400	360	36	= + 2,796
				133,276

③ $557 \times 352 = \underline{196,064}$

	<u>500</u>	<u>50</u>	<u>7</u>	
<u>300</u>	150,000	15,000	2,100	= 167,100
<u>50</u>	25,000	2,500	350	= 27,850
<u>2</u>	1,000	100	14	= + 1,114
				196,064

④ $931 \times 232 = \underline{215,992}$

	<u>900</u>	<u>30</u>	<u>1</u>	
<u>200</u>	180,000	6,000	200	= 186,200
<u>30</u>	27,000	900	30	= 27,930
<u>2</u>	1,800	60	2	= + 1,862
				215,992