

Name : _____

Area Model Multiplication

Worksheet

Find the result using the area model. One is solved.

① $44 \times 33 = \underline{1,360}$

	<u>40</u>	<u>4</u>	
<u>30</u>	<u>1,200</u>	<u>120</u>	= 1,220
<u>3</u>	<u>120</u>	<u>12</u>	= + 140
			<u>1,360</u>

② $16 \times 48 = \underline{\hspace{2cm}}$

	<u>10</u>	<u>6</u>	
<u>40</u>	_____	_____	=
<u>8</u>	_____	_____	= _____

③ $64 \times 27 = \underline{\hspace{2cm}}$

	<u>60</u>	<u>4</u>	
<u>20</u>	_____	_____	=
<u>7</u>	_____	_____	= _____

④ $37 \times 46 = \underline{\hspace{2cm}}$

	<u>30</u>	<u>7</u>	
<u>40</u>	_____	_____	=
<u>6</u>	_____	_____	= _____

⑤ $82 \times 16 = \underline{\hspace{2cm}}$

	<u>80</u>	<u>2</u>	
<u>10</u>	_____	_____	=
<u>6</u>	_____	_____	= _____

⑥ $35 \times 58 = \underline{\hspace{2cm}}$

	<u>30</u>	<u>5</u>	
<u>50</u>	_____	_____	=
<u>8</u>	_____	_____	= _____

Name : _____

Area Model Multiplication

Worksheet

Answers

① $44 \times 33 = \underline{1,360}$

	<u>40</u>	<u>4</u>	
<u>30</u>	<u>1,200</u>	<u>120</u>	= 1,220
<u>3</u>	<u>120</u>	<u>12</u>	= + 140
			1,360

② $16 \times 48 = \underline{768}$

	<u>10</u>	<u>6</u>	
<u>40</u>	<u>400</u>	<u>240</u>	= 640
<u>8</u>	<u>80</u>	<u>48</u>	= + 128
			768

③ $64 \times 27 = \underline{1,728}$

	<u>60</u>	<u>4</u>	
<u>20</u>	<u>1,200</u>	<u>80</u>	= 1,280
<u>7</u>	<u>420</u>	<u>28</u>	= + 448
			1,728

④ $37 \times 46 = \underline{1,702}$

	<u>30</u>	<u>7</u>	
<u>40</u>	<u>1,200</u>	<u>280</u>	= 1,480
<u>6</u>	<u>180</u>	<u>42</u>	= + 222
			1,702

⑤ $82 \times 16 = \underline{1,312}$

	<u>80</u>	<u>2</u>	
<u>10</u>	<u>800</u>	<u>20</u>	= 820
<u>6</u>	<u>480</u>	<u>12</u>	= + 492
			1,312

⑥ $35 \times 58 = \underline{2,030}$

	<u>30</u>	<u>5</u>	
<u>50</u>	<u>1,500</u>	<u>250</u>	= 1,750
<u>8</u>	<u>240</u>	<u>40</u>	= + 280
			2,030