



## Area of a Part Rectangle - Areas and Full Side Length to Part Side Length

<p><b>1</b> The full rectangle's area is 32. The area that is filled in is 16. What is the width of the part side? w=8</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <math>A_{\text{full}} = 32</math>  <math>A_{\text{part}} = 16</math> </div> <p>w=?</p>	<table border="1"> <tr><td>A</td><td>B</td><td>C</td></tr> <tr><td>9</td><td>10</td><td>13</td></tr> <tr><td>D</td><td>E</td><td>F</td></tr> <tr><td>11</td><td>5</td><td>4</td></tr> </table>	A	B	C	9	10	13	D	E	F	11	5	4	<p><b>2</b> The full rectangle's area is 72. The area that is filled in is 36. What is the width of the part side? w=12</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <math>A_{\text{full}} = 72</math>  <math>A_{\text{part}} = 36</math> </div> <p>w=?</p>	<table border="1"> <tr><td>A</td><td>B</td><td>C</td></tr> <tr><td>6</td><td>10</td><td>5</td></tr> <tr><td>D</td><td>E</td><td>F</td></tr> <tr><td>1</td><td>3</td><td>2</td></tr> </table>	A	B	C	6	10	5	D	E	F	1	3	2
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