

Wednesday 17.6.2020

Maths

WALT: Find the area of 2D shapes

$$\begin{array}{r} 37 \times 48 = \\ \times \quad 40 \quad 8 \\ 30 \quad \boxed{1200} \quad \boxed{240} \\ 7 \quad \boxed{280} \quad \boxed{56} \end{array}$$

$$\begin{array}{r} 1200 \\ 240 \\ 280 \\ + \quad 56 \\ \hline 1776 \end{array}$$

$$\begin{array}{r} 40 \times 45 = \\ \times \\ \boxed{} \quad \boxed{} \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} 98 \times 71 = \\ \times \\ \boxed{} \quad \boxed{} \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} 35 \times 54 = \\ \times \\ \boxed{} \quad \boxed{} \\ \hline \boxed{} \quad \boxed{} \end{array}$$

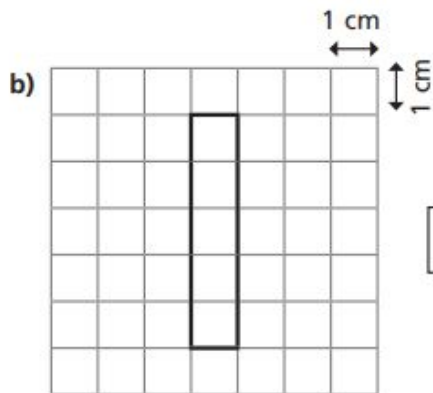
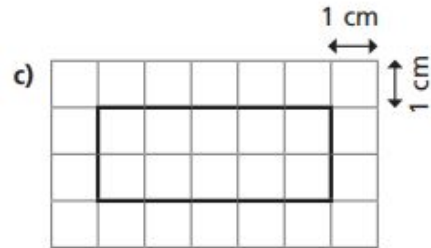
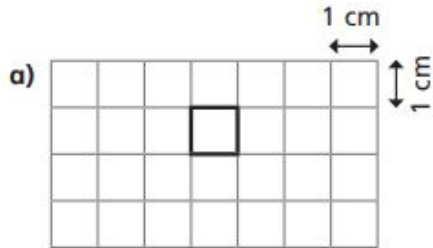
$$\begin{array}{r} 49 \times 48 = \\ \times \\ \boxed{} \quad \boxed{} \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} 30 \times 80 = \\ \times \\ \boxed{} \quad \boxed{} \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} 47 \times 51 = \\ \times \\ \boxed{} \quad \boxed{} \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} 32 \times 60 = \\ \times \\ \boxed{} \quad \boxed{} \\ \hline \boxed{} \quad \boxed{} \end{array}$$

- 1 On the grid, the area of each square is 1 cm^2
Calculate the area of each rectangle.



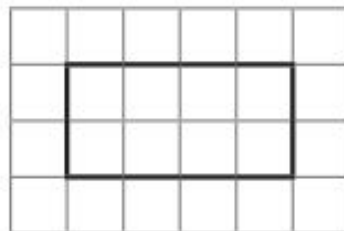
- 2 Complete the sentences to describe the rectangle.

There are rows.

Each row has squares.

There are squares altogether.

$$\square \times \square = \square$$

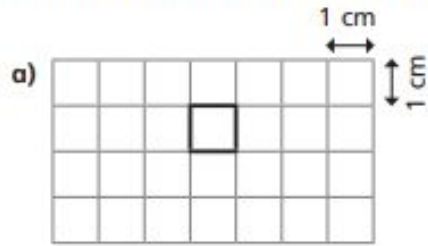


Answers

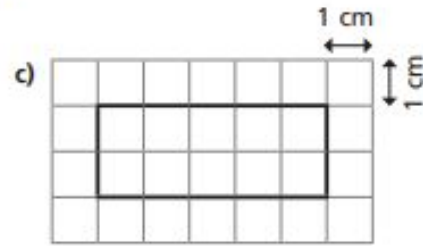
$37 \times 48 =$ $x \quad 40 \quad 8$ 30 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>1200</td><td>240</td></tr></table> 7 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>280</td><td>56</td></tr></table>	1200	240	280	56	$\begin{array}{r} 1200 \\ 240 \\ 280 \\ + \quad 56 \\ \hline 1776 \end{array}$	$40 \times 45 =$ $x \quad 40 \quad 5$ 40 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>1600</td><td>200</td></tr></table> 0 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>0</td><td>0</td></tr></table>	1600	200	0	0	$\begin{array}{r} 1600 \\ 200 \\ 0 \\ + \quad 0 \\ \hline 1800 \end{array}$
1200	240										
280	56										
1600	200										
0	0										
$98 \times 71 =$ $x \quad 70 \quad 1$ 90 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>6300</td><td>90</td></tr></table> 8 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>560</td><td>8</td></tr></table>	6300	90	560	8	$\begin{array}{r} 6300 \\ 90 \\ 560 \\ + \quad 8 \\ \hline 6958 \end{array}$	$35 \times 54 =$ $x \quad 50 \quad 4$ 30 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>1500</td><td>120</td></tr></table> 5 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>250</td><td>20</td></tr></table>	1500	120	250	20	$\begin{array}{r} 1500 \\ 120 \\ 250 \\ + \quad 20 \\ \hline 1890 \end{array}$
6300	90										
560	8										
1500	120										
250	20										
$49 \times 48 =$ $x \quad 40 \quad 8$ 40 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>1600</td><td>320</td></tr></table> 9 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>360</td><td>72</td></tr></table>	1600	320	360	72	$\begin{array}{r} 1600 \\ 320 \\ 360 \\ + \quad 72 \\ \hline 2352 \end{array}$	$30 \times 80 =$ $x \quad 80 \quad 0$ 30 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>2400</td><td>0</td></tr></table> 0 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>0</td><td>0</td></tr></table>	2400	0	0	0	$\begin{array}{r} 2400 \\ 0 \\ 0 \\ + \quad 0 \\ \hline 2400 \end{array}$
1600	320										
360	72										
2400	0										
0	0										
$47 \times 51 =$ $x \quad 50 \quad 1$ 40 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>2000</td><td>40</td></tr></table> 7 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>350</td><td>7</td></tr></table>	2000	40	350	7	$\begin{array}{r} 2000 \\ 40 \\ 350 \\ + \quad 7 \\ \hline 2397 \end{array}$	$32 \times 60 =$ $x \quad 60 \quad 0$ 30 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>1800</td><td>0</td></tr></table> 2 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>120</td><td>0</td></tr></table>	1800	0	120	0	$\begin{array}{r} 1800 \\ 0 \\ 120 \\ + \quad 0 \\ \hline 1920 \end{array}$
2000	40										
350	7										
1800	0										
120	0										

1 On the grid, the area of each square is 1 cm^2

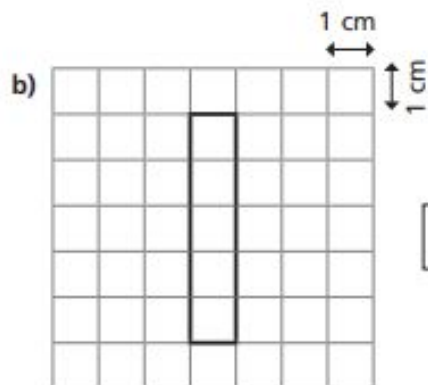
Calculate the area of each rectangle.



1 cm^2



10 cm^2



5 cm^2

2 Complete the sentences to describe the rectangle.

There are 2 rows.

Each row has 4 squares.

There are 8 squares altogether.



$$2 \times 4 = 8$$