
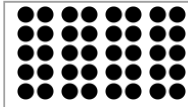
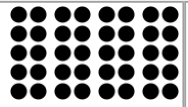
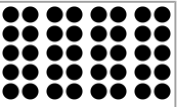



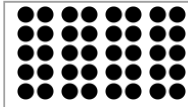
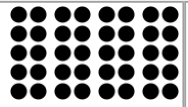
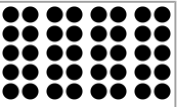



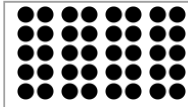
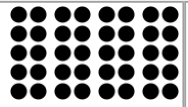
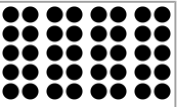





Multiply in Parts

<p><u>Multiply 3×46</u></p> <p>Break 46 into two parts: 40 and 6.</p> <p>Then multiply those two parts separately by 3: 3×40 is 120, and 3×6 is 18.</p> <p>Then add these two partial results: $120 + 18 = 138$.</p>	3×46  3×40 and 3×6																
<p>Here is another way of showing the same thing, using bundles of ten.</p>																	
<table style="margin: auto;"> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="padding-left: 10px;">$3 \times 40 = 120$</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="padding-left: 10px;">$3 \times 6 = 18$</td> </tr> <tr> <td style="text-align: center;">46</td> <td style="text-align: center;">46</td> <td style="text-align: center;">46</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">3×46</td> <td style="padding-left: 10px;"> $\begin{array}{r} 120 \\ + 18 \\ \hline 138 \end{array}$ </td> </tr> </table>					$3 \times 40 = 120$				$3 \times 6 = 18$	46	46	46		3×46			$\begin{array}{r} 120 \\ + 18 \\ \hline 138 \end{array}$
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			$3 \times 6 = 18$														
46	46	46															
3×46			$\begin{array}{r} 120 \\ + 18 \\ \hline 138 \end{array}$														

Study these examples. Multiply the tens and ones separately:

8×13
 (10 + 3)

8×10 and 8×3

80 and 24
 = 104

5×24
 (20 + 4)

5×20 and 5×4

100 and 20
 = 120

7×68
 (60 + 8)

7×60 and 7×8

420 and 56
 = 476

1. Multiply the tens and ones separately. Then add to get the final answer.

a. 6×27
 (20 + 7)

$6 \times \underline{\quad}$ and $6 \times \underline{\quad}$

$\underline{\quad}$ and $\underline{\quad}$

= $\underline{\quad}$

b. 5×83
 ()

$5 \times \underline{\quad}$ and $5 \times \underline{\quad}$

$\underline{\quad}$ and $\underline{\quad}$

= $\underline{\quad}$

c. 9×34
 ()

$9 \times \underline{\quad}$ and $9 \times \underline{\quad}$

$\underline{\quad}$ and $\underline{\quad}$

= $\underline{\quad}$