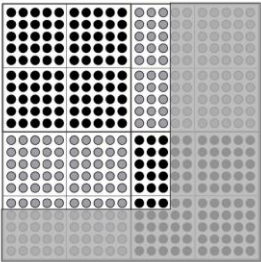
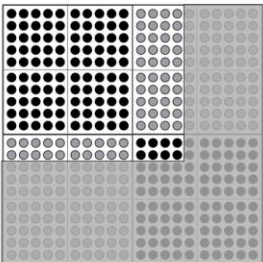
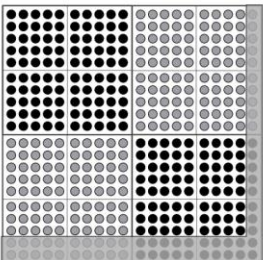


MB 1 LU 19 Das Malkreuz

Zerlege die Aufgabe in vier Mal-Aufgaben und rechne sie aus.
Zeichne ein und schreibe den Rechenweg auf.

<p>1) 16 · 13</p> 	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; border-right: 1px solid black; border-bottom: 1px solid black;">·</td> <td style="text-align: center; border-right: 1px solid black; border-bottom: 1px solid black;">10</td> <td style="text-align: center; border-bottom: 1px solid black;">3</td> </tr> <tr> <td style="text-align: center; border-right: 1px solid black;">10</td> <td style="border: 1px solid black; width: 60px; height: 40px;"></td> <td style="border: 1px solid black; width: 60px; height: 40px;"></td> </tr> <tr> <td style="text-align: center; border-right: 1px solid black;">6</td> <td style="border: 1px solid black; width: 60px; height: 40px;"></td> <td style="border: 1px solid black; width: 60px; height: 40px;"></td> </tr> </table> <p style="text-align: center;">= _____</p>	·	10	3	10			6		
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<p>2) 12 · 14</p> 	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; border-right: 1px solid black; border-bottom: 1px solid black;">·</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="border: 1px solid black; width: 60px; height: 40px;"></td> <td style="border: 1px solid black; width: 60px; height: 40px;"></td> <td style="border: 1px solid black; width: 60px; height: 40px;"></td> </tr> <tr> <td style="border: 1px solid black; width: 60px; height: 40px;"></td> <td style="border: 1px solid black; width: 60px; height: 40px;"></td> <td style="border: 1px solid black; width: 60px; height: 40px;"></td> </tr> </table> <p style="text-align: center;">= _____</p>	·								
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Bilder aus Mathe sicher könne TU Dortmund 2014 https://mathe-sicher-koennen.dzlm.de/mskfiles/uploads/Dokumente/mskgs_n6b_komplett.pdf

Gehe bei den beiden Aufgaben hier ebenso vor:

4) $(a+b)^2 = (a+b)(a+b) =$

·	(a + b)
(a + b)	
(a + b)	

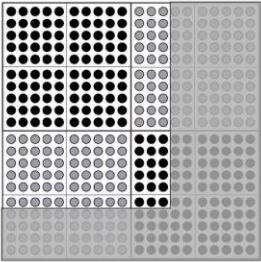
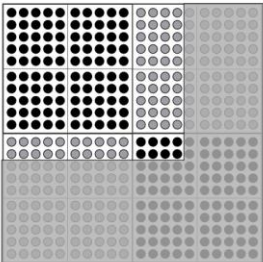
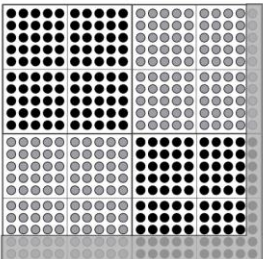
= _____

5) $(x+4)(x+3) =$

·	(x + 3)
(x + 4)	
(x + 4)	

= _____

Zerlege die Aufgabe in vier Mal-Aufgaben und rechne sie aus.
 Zeichne ein und schreibe den Rechenweg auf.

<p>1) 16 · 13</p> 	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">·</td> <td style="padding: 5px;">10</td> <td style="padding: 5px;">3</td> <td style="padding: 5px;"> </td> </tr> <tr> <td style="padding: 5px;">10</td> <td style="padding: 5px;">100</td> <td style="padding: 5px;">30</td> <td style="padding: 5px;"> </td> </tr> <tr> <td style="padding: 5px;">6</td> <td style="padding: 5px;">60</td> <td style="padding: 5px;">18</td> <td style="padding: 5px;"> </td> </tr> <tr> <td colspan="4" style="padding: 5px;">= 208</td> </tr> </table>	·	10	3		10	100	30		6	60	18		= 208			
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·	10	4															
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<p>3) 18 · 19</p> 	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">·</td> <td style="padding: 5px;">10</td> <td style="padding: 5px;">9</td> <td style="padding: 5px;"> </td> </tr> <tr> <td style="padding: 5px;">10</td> <td style="padding: 5px;">100</td> <td style="padding: 5px;">90</td> <td style="padding: 5px;"> </td> </tr> <tr> <td style="padding: 5px;">8</td> <td style="padding: 5px;">80</td> <td style="padding: 5px;">72</td> <td style="padding: 5px;"> </td> </tr> <tr> <td colspan="4" style="padding: 5px;">= 342</td> </tr> </table>	·	10	9		10	100	90		8	80	72		= 342			
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Gehe bei den beiden Aufgaben hier ebenso vor:

4) $(a+b)^2 = (a+b)(a+b) =$

	$(a + b)$	
·	a^2	ab
$(a + b)$	ab	b^2

$= a^2 + 2ab + b^2$

5) $(x+4)(x+3) =$

	$(x + 3)$	
·	x^2	$3x$
$(x + 4)$	$4x$	12

$= x^2 + 7x + 12$