

	Area Model	Partial Product	Standard Algorithm				
1.	$53 \times 84 =$ $\begin{array}{r} \times \quad 80 \quad 4 \\ 50 \\ 3 \end{array}$ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>4000</td> <td>200</td> </tr> <tr> <td>240</td> <td>12</td> </tr> </table>	4000	200	240	12	$\begin{array}{r} 4000 \\ 200 \\ 240 \\ + \quad 12 \\ \hline 4452 \end{array}$	
4000	200						
240	12						
2.	$47 \times 58 =$ \times <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>						
3.	$44 \times 85 =$ \times <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>						

4. $\begin{array}{r} 56 \\ \times 34 \\ \hline \end{array}$

5. $\begin{array}{r} 45 \\ \times 76 \\ \hline \end{array}$

6. $\begin{array}{r} 395 \\ \times 76 \\ \hline \end{array}$

7. $\begin{array}{r} 483 \\ \times 57 \\ \hline \end{array}$

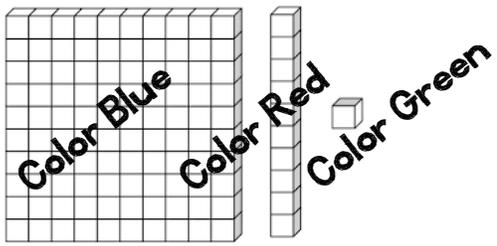
8. $\begin{array}{r} 64 \\ \times 51 \\ \hline \end{array}$

9. $\begin{array}{r} 47 \\ \times 30 \\ \hline \end{array}$

10. $\begin{array}{r} 643 \\ \times 49 \\ \hline \end{array}$

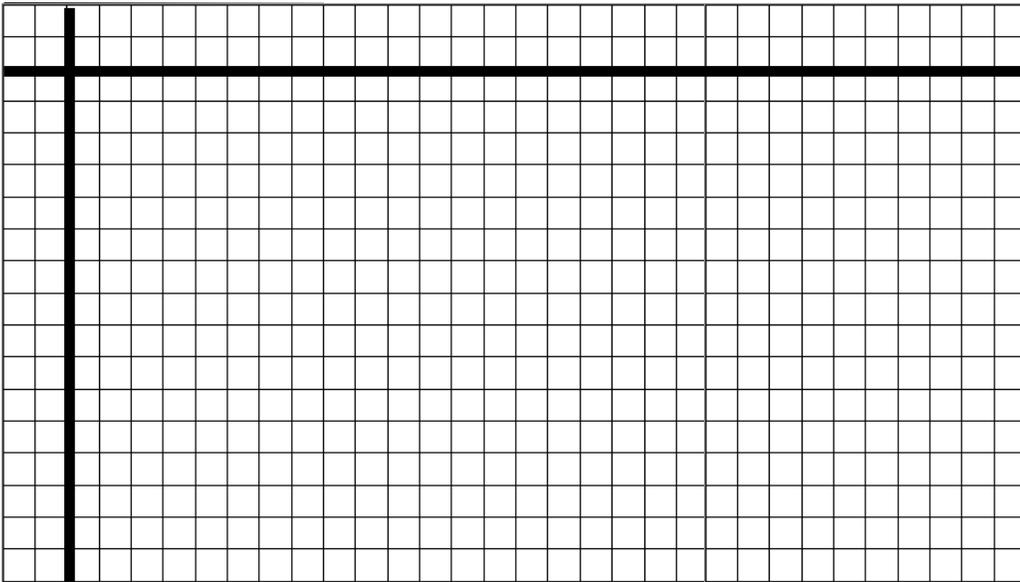
11. $\begin{array}{r} 536 \\ \times 94 \\ \hline \end{array}$

Name: _____



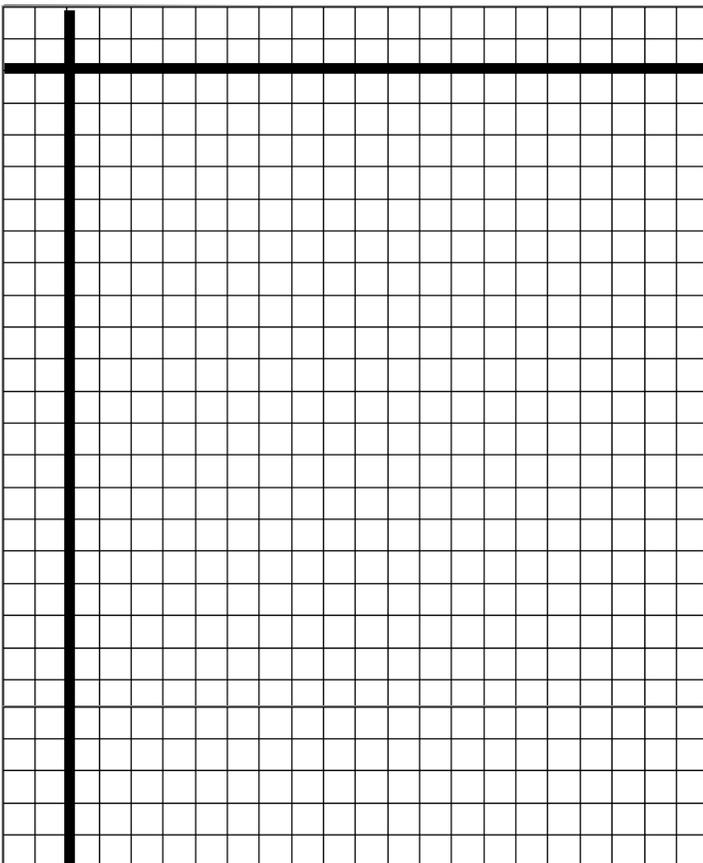
Color the base-ten area model to match the multiplication problem that is shown. Be sure to start by modeling the problem on the left side, and top of the dark lines first. Then, shade appropriately using the color code in the key. Finally, solve the problem with the standard algorithm.

12. 15×24



Standard Algorithm

13. 23×12



Standard Algorithm