

1.

Area Model

$$53 \times 84 =$$

x	80	4
50	4000	200
3	240	12

Partial Product

$$\begin{array}{r}
 4000 \\
 200 \\
 240 \\
 + \quad 12 \\
 \hline
 4452
 \end{array}$$

Standard Algorithm

2. 
$$\begin{array}{r} 35 \\ \times 15 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 47 \\ \times 94 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 556 \\ \times 34 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 234 \\ \times 75 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 56 \\ \times 19 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 92 \\ \times 49 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 628 \\ \times 33 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 154 \\ \times 35 \\ \hline \end{array}$$

10.

$$17 \times 71 =$$

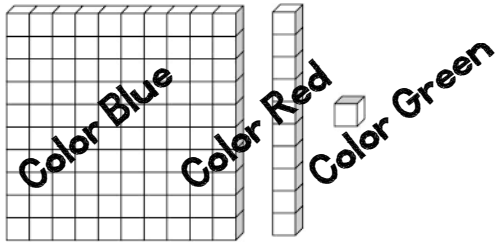
x


11.

$$45 \times 28 =$$

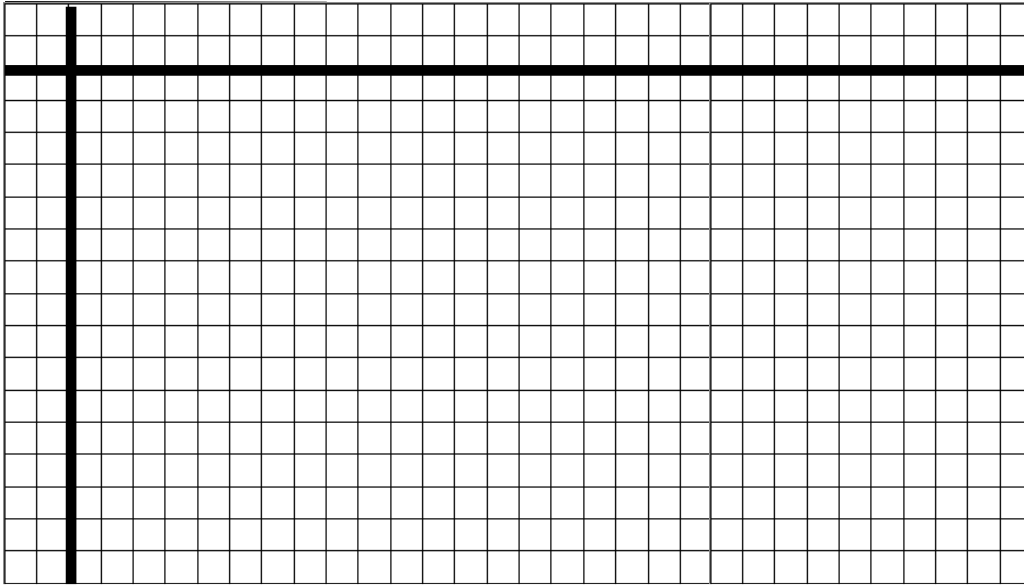
x


Name: \_\_\_\_\_



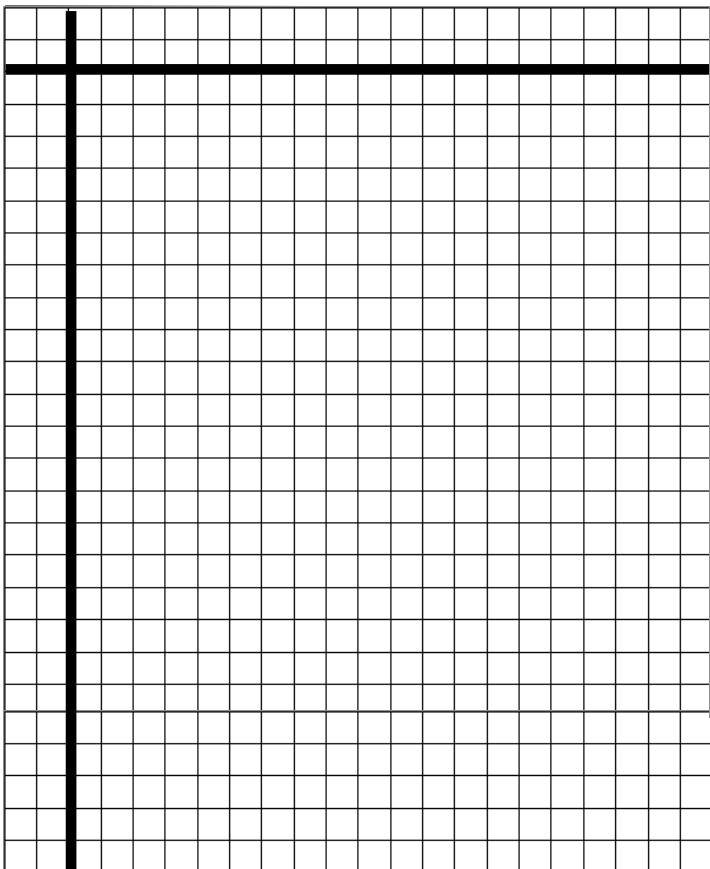
Color the base-ten area model to match the multiplication problem that is shown. Be sure to start by modeling the problem on the left side, and top of the dark lines first. Then, shade appropriately using the color code in the key. Finally, solve the problem with the standard algorithm.

12.  $13 \times 19$



Standard Algorithm

13.  $23 \times 18$



Standard Algorithm