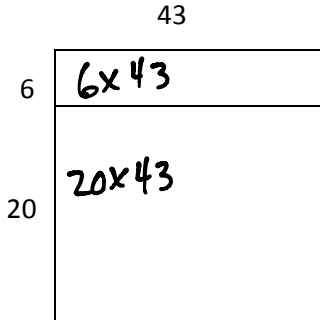


Name _____

Date _____

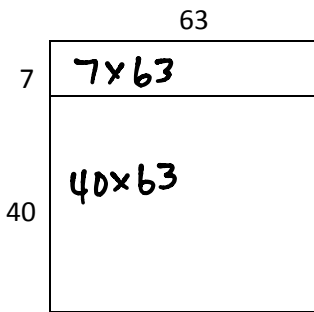
1. Express 26×43 as two partial products using the distributive property. Solve.



$26 \times 43 = (\underline{6} \text{ forty-threes}) + (\underline{20} \text{ forty-threes})$

$\begin{array}{r} 43 \\ \times 6 \\ \hline 258 \end{array}$	$\begin{array}{r} 43 \\ \times 20 \\ \hline 860 \\ \hline 860 \end{array}$
$\begin{array}{r} 43 \\ \times 26 \\ \hline 258 \\ + 860 \\ \hline 1,118 \end{array}$	$\begin{array}{r} 6 \times 43 \\ 20 \times 43 \\ \hline 1,118 \end{array}$

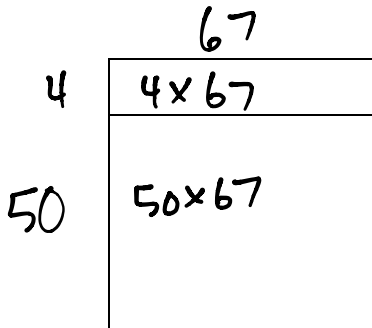
2. Express 47×63 as two partial products using the distributive property. Solve.



$47 \times 63 = (\underline{7} \text{ sixty-threes}) + (\underline{40} \text{ sixty-threes})$

$\begin{array}{r} 63 \\ \times 7 \\ \hline 441 \end{array}$	$\begin{array}{r} 63 \\ \times 40 \\ \hline 2520 \end{array}$
$\begin{array}{r} 63 \\ \times 47 \\ \hline 441 \\ + 2520 \\ \hline 2,961 \end{array}$	$\begin{array}{r} 7 \times 63 \\ 40 \times 63 \\ \hline 2,961 \end{array}$

3. Express 54×67 as two partial products using the distributive property. Solve.



$54 \times 67 = (\underline{4} \times 67) + (\underline{50} \times 67)$

$\begin{array}{r} 67 \\ \times 4 \\ \hline 268 \end{array}$	$\begin{array}{r} 67 \\ \times 50 \\ \hline 3350 \\ \hline 3350 \end{array}$
$\begin{array}{r} 67 \\ \times 54 \\ \hline 268 \\ + 3350 \\ \hline 3,618 \end{array}$	$\begin{array}{r} 4 \times 67 \\ 50 \times 67 \\ \hline 3,618 \end{array}$

Solve the following using 2 partial products.

4.

$$\begin{array}{r}
 52 \\
 \times 34 \\
 \hline
 208 \quad \underline{4 \times 52} \\
 +1560 \quad \underline{30 \times 52} \\
 \hline
 1,768
 \end{array}$$

$$\begin{array}{r}
 52 \\
 \times 4 \\
 \hline
 208
 \end{array}
 \qquad
 \begin{array}{r}
 52 \\
 \times 30 \\
 \hline
 60 \\
 +1500 \\
 \hline
 1560
 \end{array}$$

Solve using the multiplication algorithm.

5.

$$\begin{array}{r}
 86 \\
 \times 56 \\
 \hline
 516 \quad \underline{6 \times 86} \\
 +4300 \quad \underline{50 \times 86} \\
 \hline
 4,816
 \end{array}$$

6. 54×52

$$\begin{array}{r}
 52 \\
 \times 54 \\
 \hline
 208 \\
 +2600 \\
 \hline
 2,808
 \end{array}$$

7. 44×76

$$\begin{array}{r}
 76 \\
 \times 44 \\
 \hline
 304 \\
 +3040 \\
 \hline
 3,344
 \end{array}$$

8. 63×63

$$\begin{array}{r}
 63 \\
 \times 63 \\
 \hline
 189 \\
 +3780 \\
 \hline
 3,969
 \end{array}$$

9. 68×79

$$\begin{array}{r}
 79 \\
 \times 68 \\
 \hline
 632 \\
 +4740 \\
 \hline
 5,372
 \end{array}$$