

NAME _____

DATE _____



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1 Use the standard algorithm to solve each multiplication problem.

$\begin{array}{r} 2 \\ 34 \\ \times 7 \\ \hline 238 \end{array}$	$\begin{array}{r} 43 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 59 \\ \times 4 \\ \hline \end{array}$
$\begin{array}{r} 37 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 33 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 68 \\ \times 5 \\ \hline \end{array}$

2 Solve the problems below using the standard algorithm. Show your work.

$\begin{array}{r} 42 \\ 164 \\ \times 7 \\ \hline 1,148 \end{array}$	$\begin{array}{r} 137 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 382 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 485 \\ \times 6 \\ \hline \end{array}$
$\begin{array}{r} 146 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 232 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 143 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 406 \\ \times 5 \\ \hline \end{array}$

CHALLENGE

$\begin{array}{r} 1,243 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 3,531 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 4,325 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 3,478 \\ \times 9 \\ \hline \end{array}$
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(continued on next page)

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Standard Algorithms page 2 of 2**3** Solve each addition problem using the standard algorithm.

$\begin{array}{r} \\ 457 \\ + 392 \\ \hline 849 \end{array}$	$\begin{array}{r} 403 \\ + 238 \\ \hline \end{array}$	$\begin{array}{r} 573 \\ + 348 \\ \hline \end{array}$	$\begin{array}{r} 226 \\ + 901 \\ \hline \end{array}$
$\begin{array}{r} 2,740 \\ + 342 \\ \hline \end{array}$	$\begin{array}{r} 3,029 \\ + 1,452 \\ \hline \end{array}$	$\begin{array}{r} 4,098 \\ + 3,429 \\ \hline \end{array}$	$\begin{array}{r} 5,768 \\ + 7,431 \\ \hline \end{array}$

4 Solve each subtraction problem using the standard algorithm.

$\begin{array}{r} 9 \\ 1,305 \\ - 648 \\ \hline 657 \end{array}$	$\begin{array}{r} 638 \\ - 553 \\ \hline \end{array}$	$\begin{array}{r} 503 \\ - 229 \\ \hline \end{array}$	$\begin{array}{r} 1,800 \\ - 925 \\ \hline \end{array}$
$\begin{array}{r} 4,309 \\ - 526 \\ \hline \end{array}$	$\begin{array}{r} 6,005 \\ - 1,347 \\ \hline \end{array}$	$\begin{array}{r} 5,078 \\ - 5,019 \\ \hline \end{array}$	$\begin{array}{r} 2,455 \\ - 1,990 \\ \hline \end{array}$

5 CHALLENGE Fill in the missing number to make each equation true.

$$7,000 = 670 + (\quad \times 5)$$

$$8,420 = (7 \times \quad) + 797$$

$$(12 \times 30) - (3 \times \quad) = 114$$

$$(\quad \times 25) - 420 = 330$$