

NAME _____

DATE 2/14/12 ♥

Set A5 ★ Independent Worksheet 6

**NO HW
Passes**



INDEPENDENT WORKSHEET

Multiplying Multiples of 10 & More

1 Write the answers.

$\begin{array}{r} 20 \\ \times 20 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ \times 30 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ \times 40 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ \times 50 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ \times 60 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ \times 70 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ \times 80 \\ \hline \end{array}$
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$\begin{array}{r} 20 \\ \times 40 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ \times 50 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ \times 50 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ \times 60 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ \times 90 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ \times 80 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ \times 80 \\ \hline \end{array}$
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2 Multiply each number in the top row by the number at the left. The first one is done for you as an example.

×	2	4	8	3	6	12	5	10	7	9
20	40									

×	2	4	8	3	6	12	5	10	7	9
4										

×	2	4	8	3	6	12	5	10	7	9
24										

3 Katy says you can use the answers in the first 2 rows of Problem 2 to help figure out the answers in the third row. Do you agree with her? Why or why not?

NAME _____

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Set A5 ★ Independent Worksheet 7



INDEPENDENT WORKSHEET

Using 4 Partial Products to Multiply 2-Digit Numbers

1 Multiply to get four partial products and add them up.

<p>example</p> $\begin{array}{r} 29 \\ \cancel{\times} 25 \\ \hline 20 \times 20 = 400 \\ 20 \times 9 = 180 \\ 5 \times 20 = 100 \\ 5 \times 9 = + 45 \\ \hline 725 \end{array}$	<p>a</p> $\begin{array}{r} 37 \\ \times 24 \\ \hline \end{array}$	<p>b</p> $\begin{array}{r} 26 \\ \times 32 \\ \hline \end{array}$
<p>c</p> $\begin{array}{r} 45 \\ \times 36 \\ \hline \end{array}$	<p>d</p> $\begin{array}{r} 24 \\ \times 18 \\ \hline \end{array}$	<p>e</p> $\begin{array}{r} 76 \\ \times 15 \\ \hline \end{array}$
<p>f</p> $\begin{array}{r} 33 \\ \times 28 \\ \hline \end{array}$	<p>g</p> $\begin{array}{r} 53 \\ \times 39 \\ \hline \end{array}$	<p>h</p> $\begin{array}{r} 34 \\ \times 73 \\ \hline \end{array}$