



SCHOOLHOUSE NEWS





The Purcell Register

5th Grade

Name _____ Multiplying with regrouping—two 2-digit factors

Famous Landmarks

Which of these landmarks is the tallest? Multiply. Write the ones digit of each product, in order, to find the height of each landmark. Circle the tallest landmark.

	$\begin{array}{r} 73 \\ \times 42 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ \times 27 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ \times 72 \\ \hline \end{array}$	= _____ feet tall	
Gateway Arch					
	$\begin{array}{r} 87 \\ \times 63 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ \times 42 \\ \hline \end{array}$	$\begin{array}{r} 25 \\ \times 97 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ \times 14 \\ \hline \end{array}$	= _____ feet tall
Empire State Building					
	$\begin{array}{r} 83 \\ \times 81 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ \times 45 \\ \hline \end{array}$	$\begin{array}{r} 79 \\ \times 65 \\ \hline \end{array}$	= _____ feet tall	
Statue of Liberty					
	$\begin{array}{r} 76 \\ \times 86 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ \times 56 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ \times 25 \\ \hline \end{array}$	= _____ feet tall	
Space Needle					

 The Willis Tower in Chicago is 110 stories tall. If 55 people work on each floor, how many total people work in the building?

Multiplication: 3-Digits by 2-Digits Practice











1	$\begin{array}{r} 635 \\ \times 12 \\ \hline \end{array}$	2	$\begin{array}{r} 822 \\ \times 43 \\ \hline \end{array}$	3	$\begin{array}{r} 581 \\ \times 49 \\ \hline \end{array}$
4	$\begin{array}{r} 782 \\ \times 59 \\ \hline \end{array}$	5	$\begin{array}{r} 615 \\ \times 42 \\ \hline \end{array}$	6	$\begin{array}{r} 799 \\ \times 83 \\ \hline \end{array}$
7	$\begin{array}{r} 457 \\ \times 34 \\ \hline \end{array}$	8	$\begin{array}{r} 403 \\ \times 32 \\ \hline \end{array}$	9	$\begin{array}{r} 886 \\ \times 98 \\ \hline \end{array}$
10	$\begin{array}{r} 384 \\ \times 78 \\ \hline \end{array}$	11	$\begin{array}{r} 779 \\ \times 83 \\ \hline \end{array}$	12	$\begin{array}{r} 607 \\ \times 37 \\ \hline \end{array}$

Name: _____

Secret Code Math

Multiplication: 3-Digits by 2-Digits

Decode the numbers and find the products.

- | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |  |  |  |  |  |  |  |  |  |

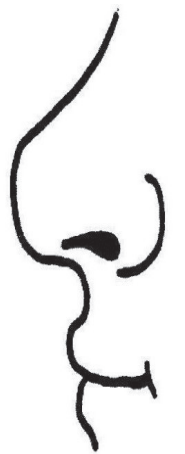
a.	Code Numbers	Regular Numbers	b.	Code Numbers	Regular Numbers
	$\begin{array}{r} \leftarrow \bullet \blacktriangle \\ \times \quad \boxtimes \boxtimes \\ \hline \end{array}$	$\begin{array}{r} 802 \\ \times 13 \\ \hline \end{array}$		$\begin{array}{r} \ominus \blacktriangle \boxtimes \\ \times \quad \blacktriangle \blacktriangle \\ \hline \end{array}$	
c.	Code Numbers	Regular Numbers	d.	Code Numbers	Regular Numbers
	$\begin{array}{r} \ominus \bullet \boxtimes \\ \times \quad \boxtimes \blacktriangle \\ \hline \end{array}$			$\begin{array}{r} \blacktriangle Z \ominus \\ \times \quad \boxtimes \boxtimes \\ \hline \end{array}$	
e.	Code Numbers	Regular Numbers	f.	Code Numbers	Regular Numbers
	$\begin{array}{r} \boxtimes \bullet \bullet \\ \times \quad \ominus \leftarrow \\ \hline \end{array}$			$\begin{array}{r} \ominus \boxtimes Z \\ \times \quad \boxtimes \blacktriangle \\ \hline \end{array}$	

3-Digit by 2-Digit Multiplication

The 12 inch nose!

Find the products. Then, solve the riddle by matching the letters to the blank lines below.

I $\begin{array}{r} 223 \\ \times 84 \\ \hline \end{array}$	T $\begin{array}{r} 354 \\ \times 64 \\ \hline \end{array}$	O $\begin{array}{r} 278 \\ \times 37 \\ \hline \end{array}$	O $\begin{array}{r} 506 \\ \times 54 \\ \hline \end{array}$	
O $\begin{array}{r} 862 \\ \times 48 \\ \hline \end{array}$	L $\begin{array}{r} 968 \\ \times 78 \\ \hline \end{array}$	T $\begin{array}{r} 421 \\ \times 35 \\ \hline \end{array}$	N $\begin{array}{r} 302 \\ \times 95 \\ \hline \end{array}$	
T $\begin{array}{r} 826 \\ \times 34 \\ \hline \end{array}$	H $\begin{array}{r} 614 \\ \times 29 \\ \hline \end{array}$	D $\begin{array}{r} 233 \\ \times 84 \\ \hline \end{array}$	F $\begin{array}{r} 776 \\ \times 40 \\ \hline \end{array}$	E $\begin{array}{r} 425 \\ \times 32 \\ \hline \end{array}$
B $\begin{array}{r} 487 \\ \times 26 \\ \hline \end{array}$	W $\begin{array}{r} 868 \\ \times 73 \\ \hline \end{array}$	E $\begin{array}{r} 963 \\ \times 26 \\ \hline \end{array}$	A $\begin{array}{r} 547 \\ \times 27 \\ \hline \end{array}$	U $\begin{array}{r} 812 \\ \times 56 \\ \hline \end{array}$



Why can't a nose be 12 inches long?

$\begin{array}{r} 22,656 \\ \hline \end{array}$	$\begin{array}{r} 17,806 \\ \hline \end{array}$	$\begin{array}{r} 25,038 \\ \hline \end{array}$	$\begin{array}{r} 28,690 \\ \hline \end{array}$	$\begin{array}{r} 18,732 \\ \hline \end{array}$	$\begin{array}{r} 28,084 \\ \hline \end{array}$		
$\begin{array}{r} 63,364 \\ \hline \end{array}$	$\begin{array}{r} 27,324 \\ \hline \end{array}$	$\begin{array}{r} 45,472 \\ \hline \end{array}$	$\begin{array}{r} 75,504 \\ \hline \end{array}$	$\begin{array}{r} 19,572 \\ \hline \end{array}$	$\begin{array}{r} 12,662 \\ \hline \end{array}$	$\begin{array}{r} 13,600 \\ \hline \end{array}$	$\begin{array}{r} 14,769 \\ \hline \end{array}$
$\begin{array}{r} 31,040 \\ \hline \end{array}$	$\begin{array}{r} 41,376 \\ \hline \end{array}$	$\begin{array}{r} 10,286 \\ \hline \end{array}$	$\begin{array}{r} 14,735 \\ \hline \end{array}$				