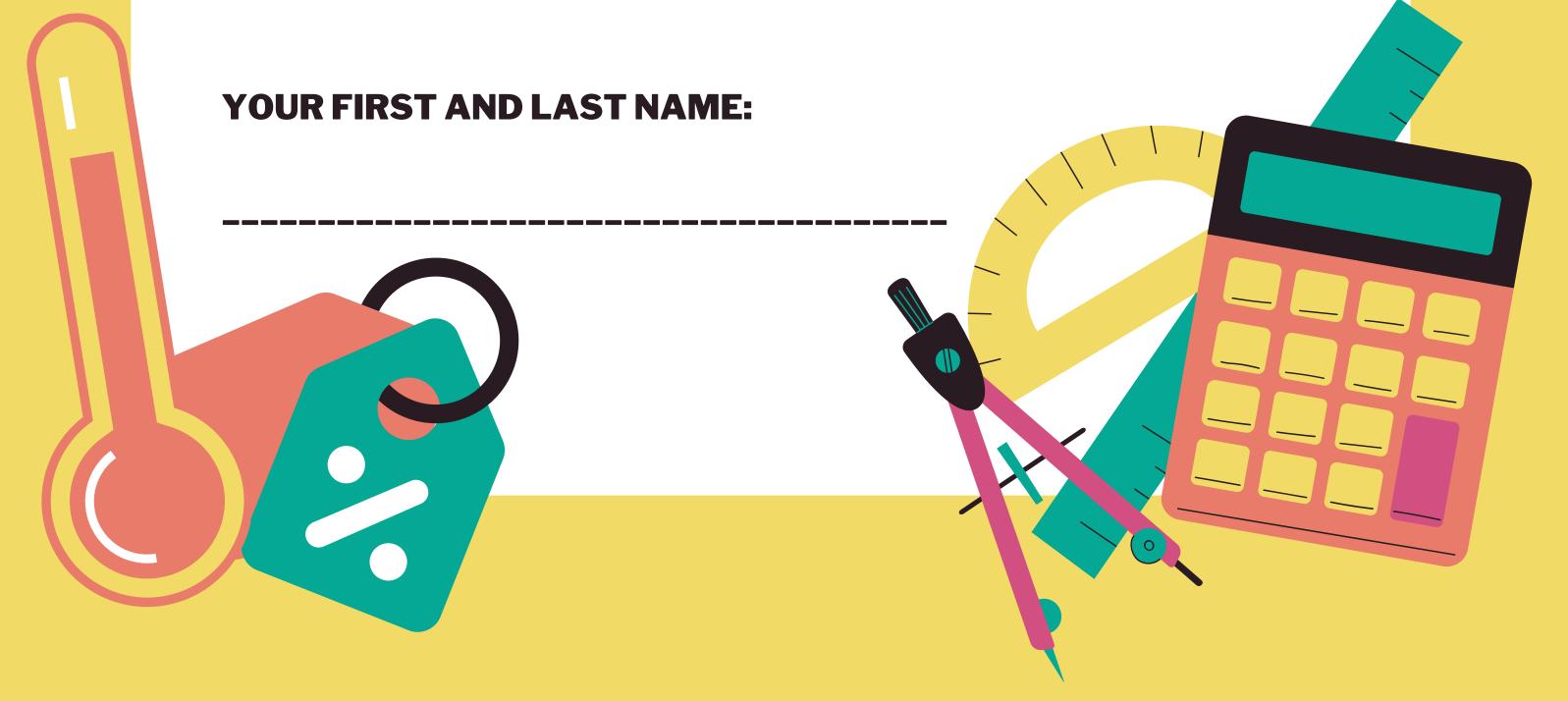


- Your packet must be done in pencil only.
- Complete two pages per week throughout the summer.
- Your completed packet is due to Mrs. Wright on the first day of school.
- Your packet will be corrected and given a letter grade.
- Please contact Mrs. Wright (<u>swright@ncalife.org</u>) with any questions.



#### Adding With ALL Regrouping (B)

Name:

Date:

$$789 \\ + 258$$

$$\begin{array}{c} 266 \\ + 745 \end{array}$$

$$857 \\ + 244$$

$$689 \\ + 594$$

$$833 \\ + 498$$

$$629 \\ + 375$$

$$\begin{array}{r} 138 \\ + 988 \end{array}$$

$$798 \\ + 329$$

## Subtracting With ALL Regrouping (B)

Name:

Date:

Multiplication 1	Facts to	144	(B)
------------------	----------	-----	-----

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{r} \times 3 \\ 10 \\ \times 6 \\ \end{array} $
9 8 2 7 3 2 4 2 10	<u>× 6</u>
<u>×5</u> <u>×8</u> <u>×12</u> <u>×10</u> <u>×4</u> <u>×8</u> <u>×4</u> <u>×2</u> <u>×8</u>	11
6 6 8 8 11 3 12 9 10	1 1
×10 ×7 ×11 ×8 ×6 ×9 ×3 ×7 ×11	× 5
<u> </u>	
8 9 7 11 4 12 10 11 10	3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	<u>×2</u>
	,
11 3 11 3 11 10 4 5 4	6
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	<u>×3</u>
	_
4 4 2 8 12 5 6 8 3	6
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	<u>×2</u>
4 3 8 9 4 2 12 6 12	6
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	<u>× 6</u>
	0
3 2 7 3 3 5 8 8 12	9
$\times 12$ $\times 7$ $\times 10$ $\times 4$ $\times 11$ $\times 6$ $\times 9$ $\times 6$ $\times 9$	<u>×7</u>
12 4 5 2 4 9 8 9 6	9
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
7 7 4 2 4 8 12 3 6	5
×7 ×11 ×9 ×6 ×3 ×12 ×11 ×3 ×4	× 7

## 3-Digit by 2-Digit Multiplication (B)

Name:

Date:

Calculate each product.

$$\begin{array}{c} 796 \\ \times 81 \end{array}$$

$$232 \times 31$$

$$305 \\ \times 47$$

$$\begin{array}{c} 999 \\ \times 40 \end{array}$$

$$331 \times 54$$

$$709 \\ \times 32$$

$$\begin{array}{c} 520 \\ \times 21 \end{array}$$

$$\begin{array}{c} 350 \\ \times \, 50 \end{array}$$

$$\begin{array}{c} 962 \\ \times 31 \end{array}$$

$$891 \times 62$$

$$\begin{array}{c} 118 \\ \times 14 \end{array}$$

$$\begin{array}{c} 917 \\ \times 41 \end{array}$$

$$\begin{array}{c} 537 \\ \times 13 \end{array}$$

$$\begin{array}{c} 728 \\ \times 81 \end{array}$$

$$719 \\ \times 87$$

$$\begin{array}{c} 817 \\ \times \ 61 \end{array}$$

$$\begin{array}{c} 782 \\ \times \ 64 \end{array}$$

$$\begin{array}{c} 114 \\ \times \ 64 \end{array}$$

Score:

/20

Adding	With	ALL	Regrouping	z(C)
	· · · · ·	* * ****	regregating	$\mathbf{c}$

Name:

Date:

$$887 \\ + 835$$

$$\begin{array}{r} 207 \\ + 999 \end{array}$$

$$958 \\ + 384$$

$$\begin{array}{r} 359 \\ + 684 \end{array}$$

## Subtracting With ALL Regrouping (C)

Name:

Date:

$$\begin{array}{r} 337 \\ - 48 \end{array}$$

ridiciplication racts to 177 [C	Multiplication	Facts to	144	(C)
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4	2	6	7	7	3	10	4	9	2
× 10	<u>×7</u>	<u>×7</u>	<u>×11</u>	<u>× 11</u>	× 12	× 10	× 8	× 4	× 7
11	6	12	7	9	6	3	7	2	3
<u>×11</u>	<u>× 12</u>	<u>×2</u>	<u>×3</u>	<u>×8</u>	<u>×2</u>	<u>×4</u>	<u>×12</u>	<u>×9</u>	_×9
_	_								
6	5	6	8	9	7	11	9	6	10
<u>×4</u>	<u>× 10</u>	<u>×9</u>	<u>× 12</u>	<u>×7</u>	<u>×2</u>	<u>× 9</u>	<u>×2</u>	<u>× 12</u>	<u>×3</u>
•7	0	2		_	_				
7	8	3	3	4	8	10	4	2	3
<u>×2</u>	<u>×5</u>	<u>×3</u>	<u>×5</u>	<u>×12</u>	<u>×3</u>	<u>× 11</u>	<u>×4</u>	<u>× 10</u>	<u>× 12</u>
9	0	11	4	0	_	_			
_	8	11	4	3	7	6	9	7	2
<u>×4</u>	<u>× 11</u>	<u>×2</u>	<u>×5</u>	<u>×12</u>	<u>× 9</u>	<u>×8</u>	<u>× 10</u>	<u>×7</u>	<u>×5</u>
F	A	A	<b>-</b>	40	40	4.4	_	_	
5	4	4	7	10	10	11	6	2	3
<u>×5</u>	<u>×7</u>	<u>× 10</u>	<u>× 10</u>	<u>×7</u>	<u>×12</u>	<u>× 12</u>	<u>× 11</u>	<u>×2</u>	<u>×6</u>
<b>.</b>	44	4.0		THE	_				
5	11	10	4	7	7	11	3	8	8
<u>× 6</u>	<u>×4</u>	<u>×5</u>	<u>×2</u>	× 10	<u>×5</u>	<u>×5</u>	<u>×2</u>	<u>×2</u>	<u>×4</u>
10	0	0	4.0	4.5					
12	9	8		12	8	11	6	5	8
<u>×5</u>	<u>× 11</u>	<u>×8</u>	<u>×3</u>	<u>× 12</u>	<u>×8</u>	× 12	× 11	<u>× 9</u>	<u>×7</u>
O	. 10	10		44	_	1.0		_	
	10				3				8
× 10	<u>×8</u>	<u>× 12</u>	<u>×6</u>	<u>×5</u>	<u>× 12</u>	<u>×9</u>	<u>× 10</u>	× 10	<u>×7</u>
14	O	40	0		a		_	_	
	8			3	4			8	11
× 4	<u>×4</u>	<u>×5</u>	× 9	<u>×7</u>	<u>×3</u>	<u>× 10</u>	<u>× 12</u>	<u>×4</u>	<u>×3</u>

# 3-Digit by 2-Digit Multiplication (C)

Name:

Date:

Calculate each product.

$$\begin{array}{c} 141 \\ \times 15 \end{array}$$

$$530 \\ \times 77$$

$$\begin{array}{c} 231 \\ \times 31 \end{array}$$

$$395 \times 80$$

$$\begin{array}{c} 301 \\ \times \ 26 \end{array}$$

$$\begin{array}{c} 147 \\ \times 53 \end{array}$$

$$541 \\ \times 65$$

$$\begin{array}{c} 141 \\ \times \ 66 \end{array}$$

$$726 \\ \times 48$$

$$\begin{array}{c} 400 \\ \times 10 \end{array}$$

$$\begin{array}{c} 203 \\ \times 99 \end{array}$$

$$\begin{array}{c} 499 \\ \times 17 \end{array}$$

Score: /20

#### Adding With ALL Regrouping (D)

Name:

Date:

$$\begin{array}{r} 938 \\ + \ 677 \end{array}$$

$$877 \\ + 894$$

$$708 \\ + 695$$

$$888 \\ + 529$$

$$\begin{array}{r} 778 \\ + 858 \end{array}$$

$$\begin{array}{r} 188 \\ + \ 895 \end{array}$$

$$746 \\ + 584$$

$$\begin{array}{r} 885 \\ + 739 \end{array}$$

#### Subtracting With ALL Regrouping (D)

Name:

Date:

$$\begin{array}{r} 720 \\ -\ 54 \end{array}$$

# Multiplication Facts to 144 (D)

Find each product.

6	0	11	11	3	8	3	8	6	3
× 4	_×7	_×2	_×1	×3	× 10	<u>× 6</u>	× 3	<u>× 6</u>	× 9
1	3	2	7	7	8	2	8	12	12
× 2	× 0	× 12	× 9	× 2	×1	× 2	<u>× 5</u>	× 10	× 0
2	4	9	4	9	3	10	2	1	5
× 5	× 11	× 2	×8	× 11	× 12	× 11	_×6	× 7	× 11
12	0	6	8	3	12	5	1	0	5
<u>× 8</u>	_ <u>×1</u>	× 5	<u>×8</u>	_×5	× 5	_× 7	× 4	× 10	<u>× 8</u>
2	9	11	11	7	4	4	3	10	12
× 10	_×8	× 3	_×0	× 12	× 4	× 7	× 12	× 6	_×6
11	4	5	5	7	3	4	9	1	8
× 11	× 11	× 5	× 2	× 10	_×7	× 0	× 6	× 3	× 11
9	2	12	5	7	6	9	10	12	4
× 9	× 0	× 9	× 4	×8	× 9	_×5	× 10	× 12	× 9
0	9	7	1	0	1	10	10	11	4
_×6	<u>× 3</u>	× 7	×1	×8	_×5	× 9	× 4	× 6	× 2
9 ×0	12 × 4						1 × 10		2 × 3
6 × 1		3 × 10			12 × 11		7 × 2	5 × 0	

## 3-Digit by 2-Digit Multiplication (D)

Name:

Date:

Calculate each product.

$$\begin{array}{c} 640 \\ \times 47 \end{array}$$

$$\begin{array}{c} 874 \\ \times 71 \end{array}$$

$$\begin{array}{c} 952 \\ \times 31 \end{array}$$

$$\frac{918}{\times 56}$$

$$\begin{array}{c} 145 \\ \times 84 \end{array}$$

$$712 \times 63$$

$$\begin{array}{c} 471 \\ \times 81 \end{array}$$

$$\begin{array}{c} 607 \\ \times 15 \end{array}$$

$$881 \times 80$$

$$\begin{array}{c} 478 \\ \times 78 \end{array}$$

Score: /20

#### Adding With ALL Regrouping (F)

Name:

Date:

$$699 \\ + 352$$

$$\begin{array}{r} 343 \\ + 757 \end{array}$$

$$\begin{array}{r} 999 \\ + 107 \end{array}$$

$$\begin{array}{r} 458 \\ + 756 \end{array}$$

$$\begin{array}{c} 483 \\ + 848 \end{array}$$

$$\begin{array}{c} 788 \\ + 554 \end{array}$$

$$\begin{array}{r} 176 \\ + 896 \end{array}$$

## Subtracting With ALL Regrouping (F)

Name:

Date:

$$\begin{array}{r} 322 \\ - 53 \end{array}$$

4	7	0	7	4	0	3	12	1	2
× 2	_×1	× 8	× 10	× 10	× 7	× 10	× 8	_×9	× 2
11	4	10	8	5	5	10	0	6	7
× 7	× 10	× 10	8	× 6	× 2	× 9	× 5	× 6	<u>× 6</u>
8	12	9	0	3	0	10	10	3	2
<u>× 6</u>	× 12	× 12	× 12	<u>× 6</u>	× 2	× 5	× 11	× 4	_×8
3	4	7	4	3	12	1	10	0	4
×8	×8	× 7	× 5	× 7	× 7	_×5	× 4	_ <u>×1</u>	× 7
11	11	10	3	5	4	11	0	10	11
<u>× 8</u>	× 11	_×8	× 5	× 5	4	_×3	_ <u>× 4</u>	_×1	× 5
4	12	5	6	2	1	3	3	4	2
× 6	× 3	× 8	× 9	× 4	<u>× 6</u>	× 11	<u>×.1</u>	_×1	_×7
2	7	1	11	5	4	12	0	2	11
× 11	× 9	×1	× 9	× 10	× 9	× 6	<u>× 6</u>	× 6	× 12
8	3	9	3	9	1	11	5	1	5
×3	× 9	_×9	× 12	× 2	× 11	× 0	× 4	×8	× 12
0 × 10	9 × 0	2 × 12			10 × 6		8 _×7	2 × 3	11 ×3
3 × 0	6 × 11				10 × 12		5 × 9	3 ×3	8 × 9

## 3-Digit by 2-Digit Multiplication (F)

Name:

Date:

Calculate each product.

$$\begin{array}{c} 471 \\ \times 99 \end{array}$$

$$\begin{array}{c} 989 \\ \times 16 \end{array}$$

$$872 \times 40$$

$$\begin{array}{c} 633 \\ \times 16 \end{array}$$

$$\begin{array}{c} 816 \\ \times 10 \end{array}$$

$$\begin{array}{c} 786 \\ \times 84 \end{array}$$

$$844 \\ \times 62$$

$$492 \times 63$$

$$\begin{array}{c} 511 \\ \times 80 \end{array}$$

$$\begin{array}{c} 656 \\ \times 94 \end{array}$$

$$\begin{array}{c} 650 \\ \times 91 \end{array}$$

$$\begin{array}{c} 303 \\ \times 86 \end{array}$$

$$\begin{array}{c} 470 \\ \times \ 42 \end{array}$$

$$\begin{array}{c} 170 \\ \times 32 \end{array}$$

$$\begin{array}{c} 890 \\ \times 54 \end{array}$$

$$\begin{array}{c} 131 \\ \times 29 \end{array}$$

Score: /20

#### Adding With ALL Regrouping (H)

Name:

Date:

$$156 \\ + 895$$

$$986 \\ + 594$$

$$\begin{array}{r} 777 \\ + \ 648 \end{array}$$

#### Subtracting With ALL Regrouping (H)

Name:

Date:

$$\begin{array}{r} 114 \\ - 39 \end{array}$$

$$\begin{array}{r} 600 \\ - 55 \end{array}$$

Multiplication Facts to 144 (H)
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11	5	9	12	2	10	5	6	11	2
<u>× 11</u>	<u>×3</u>	<u>× 12</u>	<u>×4</u>	× 3	<u>× 10</u>	<u>× 9</u>	<u>×7</u>	<u>×2</u>	<u>×3</u>
6	2	9	10	8	2	6	7	11	2
<u>× 11</u>	<u>× 10</u>	<u>× 6</u>	<u>×4</u>	<u>×7</u>	<u>×4</u>	<u>×8</u>	<u>×7</u>	<u>× 5</u>	<u>×2</u>
4	2	10	2	12	8	10	5	6	10
× 7	<u>×8</u>	<u>×3</u>	<u>×6</u>	<u>×6</u>	<u>× 9</u>	<u>×7</u>	<u>×2</u>	<u>× 12</u>	<u>× 5</u>
				4.4			_		
4	2	4	4	11	3	8	3	7	3
<u>× 11</u>	<u>×4</u>	<u>× 6</u>	<u>×6</u>	<u>×8</u>	<u>×3</u>	<u>×4</u>	× 9	<u>×8</u>	<u>×7</u>
		4.0			4.4	•		4.0	
9	6	10	3	4	11	6	7	12	8
× 9	<u>×5</u>	× 12	<u>× 11</u>	<u>×4</u>	× 12	<u>×8</u>	<u>×8</u>	<u>× 5</u>	× 12
_	0	0	4.0	0	0	4.0			4.0
6	8	8	10	8	3	12	7	2	12
× 10	× 5	× 10	× 12	<u>×8</u>	<u>×8</u>	<u>×8</u>	<u>× 6</u>	<u>× 5</u>	× 10
					_		_		
5	10	5	5	12	3	9	6	12	11
<u>×3</u>	<u>×2</u>	<u>×7</u>	<u>×6</u>	<u>×7</u>	<u>×4</u>	<u>×7</u>	<u>× 6</u>	<u>× 12</u>	<u>× 9</u>
	_		_		_			_	
12	3	4	7	5	2	10	10	8	12
<u>×7</u>	<u>×6</u>	<u>× 6</u>	<u>×3</u>	<u>×7</u>	<u>× 9</u>	× 9	<u>×8</u>	<u>×3</u>	× 10
_			_	_				_	_
9	7	11	6	8	7	12	12	9	6
<u>×4</u>	<u>×2</u>	× 10	<u>× 5</u>	<u>×8</u>	<u>× 6</u>	× 9	<u>×2</u>	<u>×7</u>	× 9
		_	_	_	_			_	
12	10	5	3	3	4	5	11	4	5
<u>×3</u>	<u>× 12</u>	<u>×4</u>	<u>×4</u>	× 10	<u>× 11</u>	<u>× 11</u>	<u>×7</u>	<u>×7</u>	<u>× 5</u>

## 3-Digit by 2-Digit Multiplication (H)

Name:

Date:

Calculate each product.

$$399 \times 76$$

$$\begin{array}{c} 931 \\ \times 30 \end{array}$$

$$\begin{array}{c} 427 \\ \times 11 \end{array}$$

$$\begin{array}{c} 260 \\ \times 38 \end{array}$$

$$882 \\ \times 18$$

$$544 \\ \times 43$$

$$\begin{array}{c} 109 \\ \times 11 \end{array}$$

$$\begin{array}{c} 965 \\ \times 82 \end{array}$$

$$\begin{array}{r} 137 \\ \times 79 \end{array}$$

$$727 \\ \times 42$$

$$351 \times 15$$

$$\begin{array}{c} 651 \\ \times 34 \end{array}$$

$$\begin{array}{c} 178 \\ \times 83 \end{array}$$

$$\begin{array}{r} 645 \\ \times 77 \end{array}$$

$$883 \\ \times 81$$

$$729 \\ \times 30$$

Score: