

SUMMER MATH PACKET

SIXTH GRADE

This packet can be easily completed by doing two pages per week throughout the summer. The finished packet is due to Mrs. Wright on the first day of school. The packet will be corrected and given a letter grade. Please contact Mrs. Wright (swright@ncalife.org) 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	Facts to	144	(B)
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Find each product.

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \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	Regroup	ing	$\overline{(C)}$
	V I A CALL	A A But hut	105 out	'****8 I	()

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:

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

Multiplication Fact	s to	144	(C)
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Find each product.

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	-	40	4.0	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>
.	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>
11	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.

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

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

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

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

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

$$712 \times 63$$

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

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

$$881 \times 80$$

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:

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

Find each product.

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)

Find each product.

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: