Pre-Assessment for 3 Digit Addition

April 13, 2012

Name	**Grade**
Noah	2/5
Luke	4/5
Abby	5/5
Caroline	4/5
Addie	5/5
Kasen	0/5
Ella	3/5
Hamza	0/5
Sydney	3/5
Logan	1/5
Alicia	5/5
Brandon	4/5
Lana	2/5
Faizhon	1/5
Alexis	0/5
Audrey	5/5
Madison	5/5
KeyAira	3/5
Hannah	3/5

Post-Assessment for 3 Digit Addition

April 16, 2012

Name	**Grade**
Noah	24/24
Luke	24/24
Abby	23/24
Caroline	22/24
Addie	20/24
Kasen	10/24
Ella	23/24
Hamza	18/24
Sydney	24/24
Logan	23/24
Alicia	24/24
Brandon	24/24
Lana	24/24
Faizhon	24/24
Alexis	23/24
Audrey	24/24
Madison	24/24
KeyAira	ABSENT
Hannah	24/24

Name	Percent Correct on Pre-Assessment	Percent Correct on Post-Assessment	Percent Gain
Noah	40%	100%	+60%
Luke	80%	100%	+60%
Abby	100%	96%	-4%
Caroline	80%	92%	+12%
Addie	100%	83%	-17%
Kasen	0%	42%	+42%
Ella	60%	96%	+36%
Hamza	0%	75%	+75%
Sydney	60%	100%	+40%
Logan	20%	96%	+76%
Alicia	100%	100%	0%
Brandon	80%	100%	+20%
Lana	40%	100%	+60%
Faizhon	20%	100%	+80%
Alexis	0%	96%	+96%
Audrey	100%	100%	0%
Madison	100%	100%	0%
KeyAira	60%	ABSENT	N/A
Hannah	60%	100%	+40%

I conducted an assessment on my 19 first grade students. For my Pre-Assessment, I gave each student a worksheet with five 3-digit addition problems. I explained to the students that they add vertically and that they record their answers beneath the line. Other than that, I did not provide any more aid. A few days later, I taught my students how to solve 3-digit addition problems. I explained to them that they must draw a box around the first two numbers, record the sum to the side, and then add the sum to the third number. I provided my class with manipulatives to help them solve the addition problems. One

student was absent during the post-assessment; therefore, I cannot use her results. When I did the post-assessment on 18 students, 16 students made significant gains. Two students scores dropped; however, they still did very well. After examining their errors, it was obvious that they made careless mistake and did, in fact, know how to solve 3-digit addition problems.

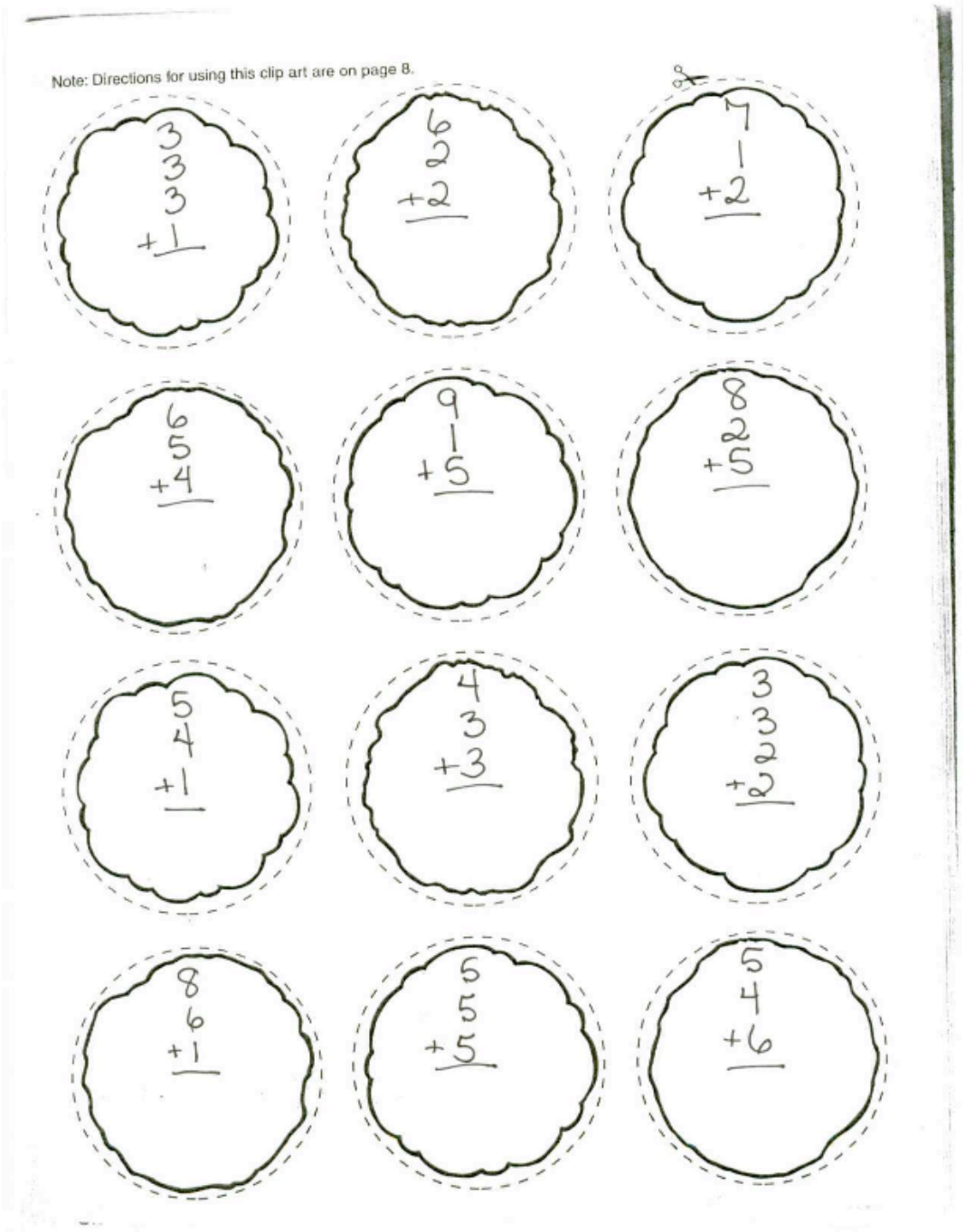
Below is a blank copy of the Pre-Assessment:

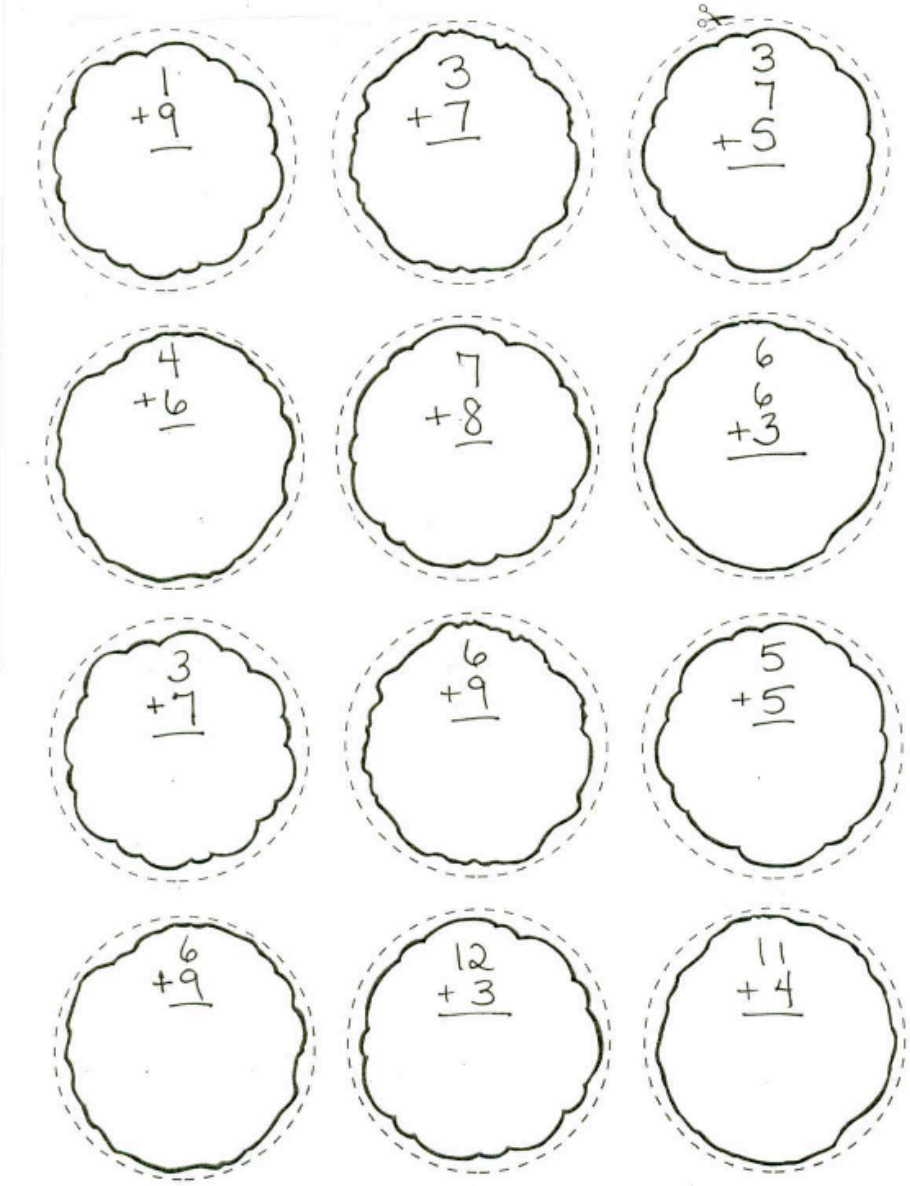
Name: _____

3 Digit Addition

3	4	6	2	5
3	1	7	8	2
+9	+ 5	+ 1	+ 10	+ 4
____	_____	_____	_____	_____

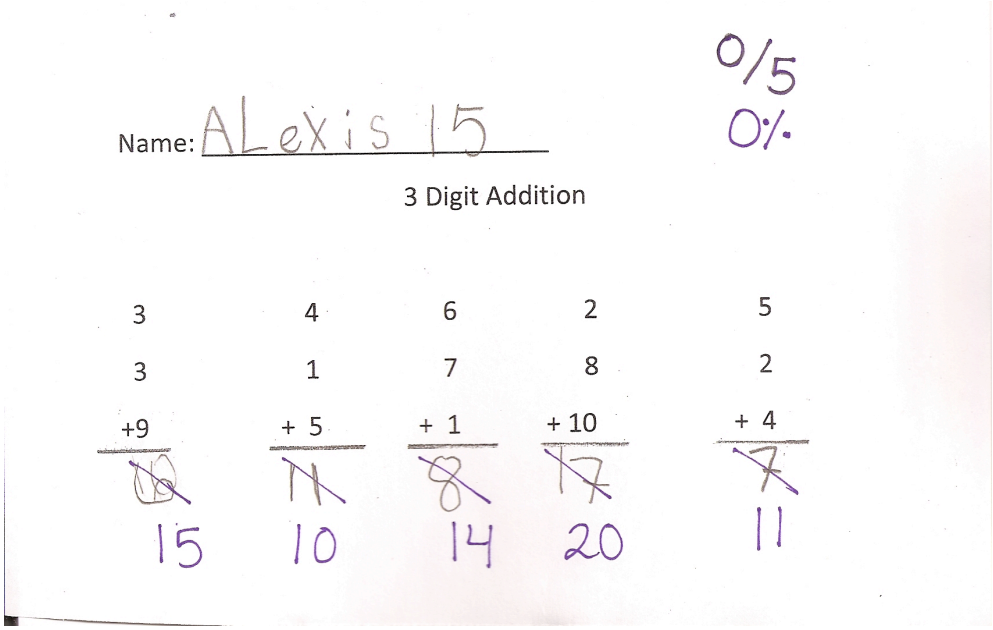
Below is a blank copy of the Post-Assessment (A few "cookies" had only 2-digit addition problems and a few "cookies" had 4-digit addition problems, which were also reviewed in class.):

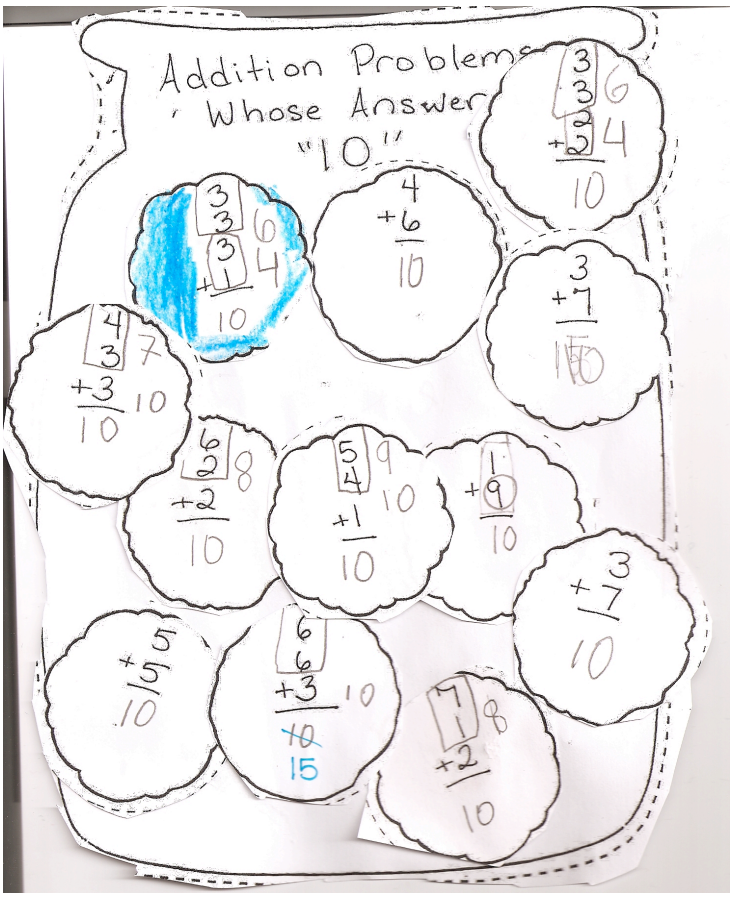


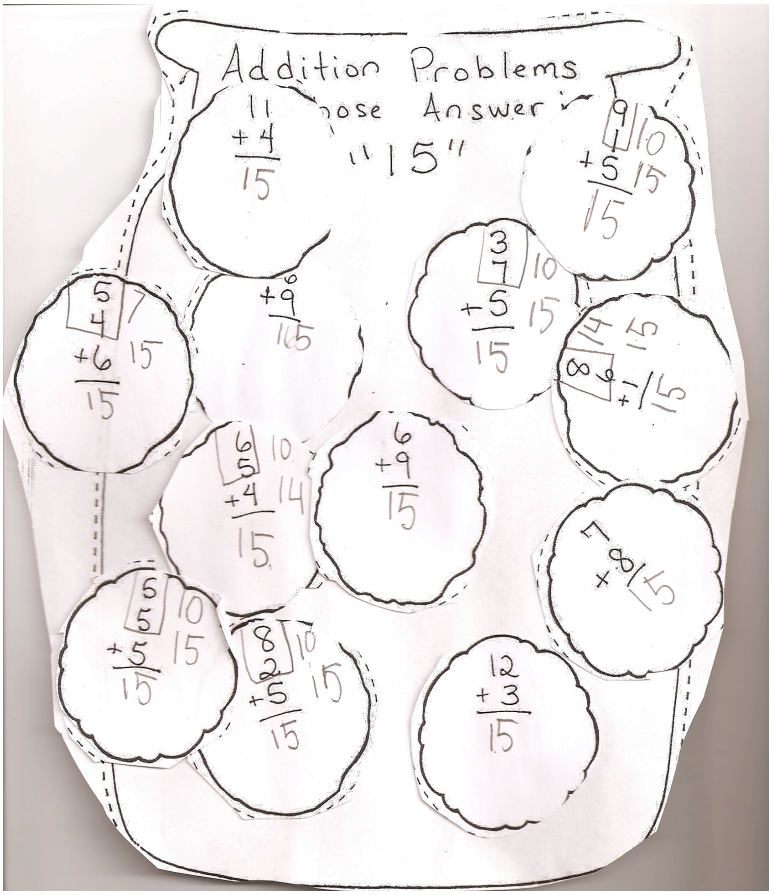

1
+9
3
+7
3
7
+5
4
+6
7
+8
6
6
+3
3
+7
6
+9
5
+5
6
+9
12
+3
11
+4

Below I compared samples of two students Pre-Assessment and Post-Assessments:

Alexis	
<u>Pre-Assessment</u>	<u>Post-Assessment</u>
0/5 (0%)	23/24 (96%)







Noah	
Pre-Assessment	Post-Assessment
2/5 (40%)	24/24 (100%)

Name: Noah

3 Digit Addition

2/5
40%

3	4	6	2	5
3	1	7	8	2
+9	+ 5	+ 1	+ 10	+ 4
15	10	~~13~~ 14	~~B~~ 20	~~15~~ 11