

NCTM Content Standards Assessment Rubric

Number and Operations – Drill Sheets

Student's Name: _____ Assignment: _____ Level: _____

	Level 1	Level 2	Level 3	Level 4
Understanding Numbers, Ways of Representing Numbers, Relationships Among Number Systems	<ul style="list-style-type: none"> Demonstrates a limited understanding of numbers, ways of representing numbers and relationships among number systems 	<ul style="list-style-type: none"> Demonstrates a basic understanding of numbers, ways of representing numbers and relationships among number systems 	<ul style="list-style-type: none"> Demonstrates a good understanding of numbers, ways of representing numbers and relationships among number systems 	<ul style="list-style-type: none"> Demonstrates a thorough understanding of numbers, ways of representing numbers and relationships among number systems
Understanding Meanings of Operations and How They Relate to One Another	<ul style="list-style-type: none"> Demonstrates a limited understanding of the meanings of operations and how they relate to one another 	<ul style="list-style-type: none"> Demonstrates a basic understanding of the meanings of operations and how they relate to one another 	<ul style="list-style-type: none"> Demonstrates a good understanding of the meanings of operations and how they relate to one another 	<ul style="list-style-type: none"> Demonstrates a thorough understanding of the meanings of operations and how they relate to one another
Computing and Making Estimates	<ul style="list-style-type: none"> Demonstrates limited ability in computing and making estimates 	<ul style="list-style-type: none"> Demonstrates some ability in computing and making estimates 	<ul style="list-style-type: none"> Demonstrates satisfactory ability in computing and making estimates 	<ul style="list-style-type: none"> Demonstrates strong ability in computing and making estimates

STRENGTHS:

WEAKNESSES:

NEXT STEPS:



5a) In which of the following boxes can 7 be placed to make the equation true?

Ex: $\boxed{7} - 2 = 5$



i. $12 + 5 = 10 + \square$

ii. $9 - 6 = 12 - \square$

b) Write the missing numbers.

11			14					
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c) Is 36 an even or odd number? Answer: _____

d) Add down and across

i)

6	3	
9	1	

ii)

3	8	
5	4	
8		

e) There are 9 boys and 12 girls in Jasmine's class at school. How many students are in her class altogether?



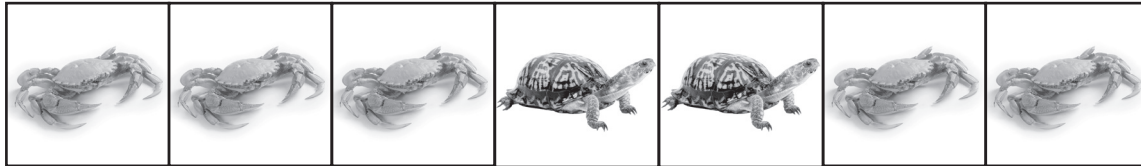
Justin has 4 pennies. Rachel has 3 dimes. Ryan has 2 nickels. How much money do they have altogether?

Answer: _____



Review B

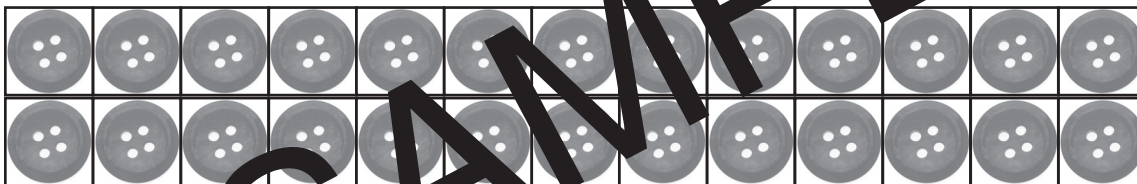
a) How many crabs are there? _____



b) How many equal parts has this circle been cut into?



c) Count the buttons.



Fill in the missing numbers: tens ones.

d) What is the missing number in this sequence?

10, 20, 30, 40, _____

e) Add and subtract the following.

i) $7 + 7 =$ _____

ii) $12 - 6 =$ _____

iii) $8 + 9 + 4 =$ _____

f) How much money is this? Answer: _____



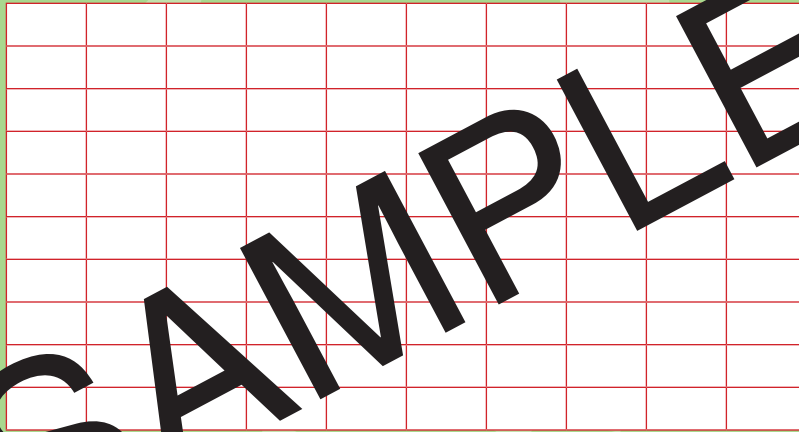
Adding and Subtracting

a) Add and subtract these numbers:

Add _____	
4	
6	
—	
—	

Subtract _____	
12	
9	
—	
—	

b) Fill in the numbers _____ in the hundreds chart below.



c) Facts that add to _____.

