

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:



12a) Write the related addition fact for the following:

Ex: $17 + 6 = 23$ $6 + 17 = 23$

$9 + 7 = 16$ $7 + 9 = 16$ $12 + \square = 29$ $\square + 5 = 42$

i) $10 + 4 = 14$ _____

ii) $9 + 12 = 21$ _____

b) What number makes the equation true?

i) $10 + \square = 16$

ii) $25 + \square = 7$

iii) $36 + \square = 55$

iv) $19 + \square = 17$

c) Write a plus (+) or minus (-) sign in the square to make the number sentence true.

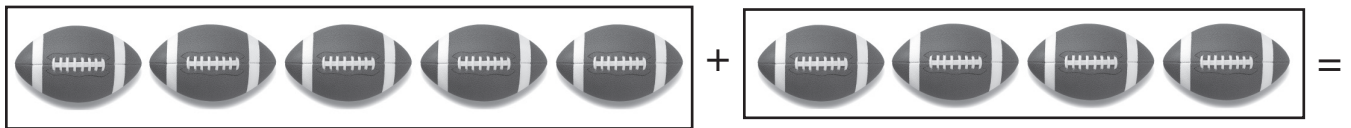
i) $42 \square 12 = 54$

ii) $23 \square 5 = 18$

iii) $19 \square 19 = 38$

iv) $42 \square 1 = 41$

d) Write the addition sentence shown below:

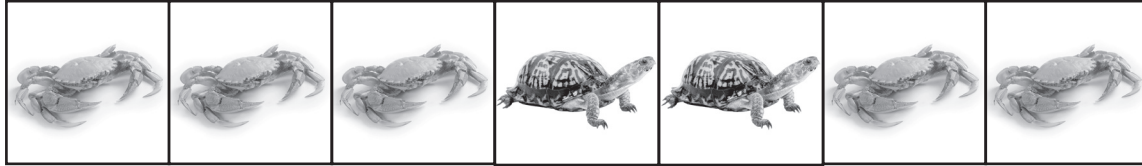


Answer: _____



Review B

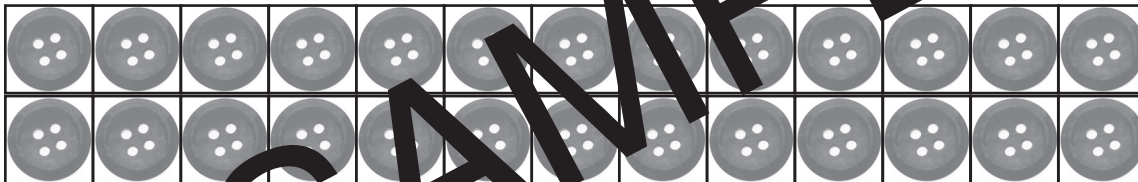
a) How many crabs are there? _____



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: _____



Missing Numbers, Fractions

a) Write the following number in words:

= _____

b) Write the missing numbers.

--	--	--	--	--	--	--	--	--

c) What fraction is shaded?

i)

--	--	--	--	--	--	--	--

ii)

--	--	--	--	--	--	--	--

d) The number has _____ tens and _____ ones.

e) The number has _____ tens and _____ ones.

f) Count forward by _____'s.

→ → → →

g) Fill in the number that comes before or after.

i) _____ ii) _____ iii) _____ iv) _____