

NCTM Content Standards Assessment Rubric



Measurement

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

	Level 1	Level 2	Level 3	Level 4
Understanding Measurable Attributes of Objects and the Units, Systems, and Processes of Measurement	<ul style="list-style-type: none"> Demonstrates a limited understanding of measurable attributes of objects and the units, systems, and processes of measurement 	<ul style="list-style-type: none"> Demonstrates a basic understanding of measurable attributes of objects and the units, systems, and processes of measurement 	<ul style="list-style-type: none"> Demonstrates a good understanding of measurable attributes of objects and the units, systems, and processes of measurement 	<ul style="list-style-type: none"> Demonstrates a thorough understanding of measurable attributes of objects and the units, systems, and processes of measurement
Applying Appropriate Techniques, Tools, and Formulas to Determine Measurements	<ul style="list-style-type: none"> Demonstrates limited ability in applying appropriate techniques, tools, and formulas to determine measurements 	<ul style="list-style-type: none"> Demonstrates some ability in applying appropriate techniques, tools, and formulas to determine measurements 	<ul style="list-style-type: none"> Demonstrates satisfactory ability in applying appropriate techniques, tools, and formulas to determine measurements 	<ul style="list-style-type: none"> Demonstrates strong ability in applying appropriate techniques, tools, and formulas to determine measurements

STRENGTHS:

WEAKNESSES:

NEXT STEPS:



Task Sheet 12

- 12) Jaime is trying to make fruit punch from a mix. She is measuring water to mix the drink. She is reading the following directions. Help Jaime answer the questions based on what she read.**



To make: Take one scoop of mix.
Add it to a glass.
Then fill with two cups ($\frac{1}{2}$ liter) of water.
Serves one person.

- a) Jaime read the directions. She is going to make the mix for herself and her brother. How many scoops of mix will she need?**

- b) Jaime will add water to her glass. Then, she will add it to her brother's glass. She is using a measuring glass that holds "one-cup" ($\frac{1}{4}$ liter). How many times will she have to fill this measuring glass to make the drink for herself and her brother? Explain your answer.**

- c) Suppose Jaime only had a measuring glass equal to "one pint" ($\frac{1}{2}$ liter). How many times would she have to fill it to make her drink?**

NAME: _____



Drill Sheet 2

2) Look at the pictures. How much money is shown in each picture?



Tell one way to make each amount listed below. You can use pennies, nickels, dimes, or quarters.

20 cents: _____

37 cents: _____

55 cents: _____

63 cents: _____

75 cents: _____

90 cents: _____

Ways To Make A Dollar



There are many different types of change you might find in your pocket. Now, think about how you can use such change to make \$1.00.

Working alone or with a partner, come up with ways to make \$1.00 using coins. You can not use all of one type of coin to make it, but have to use at least two types of coins. How many ways to make a dollar can you come up with in ten minutes? Share your results on this chart in the class.



Coins you used to make \$1.00	Number of coins used

SAMPLE

Think about your results. How many ways did you find to make a dollar? Which way used the most coins? Which way used the least coins?