

# NCTM Content Standards Assessment Rubric



## Measurement

Student's Name: \_\_\_\_\_ Assignment: \_\_\_\_\_ Level: \_\_\_\_\_

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

**STRENGTHS:**

**WEAKNESSES:**

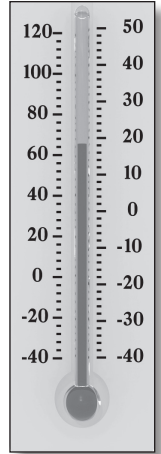
**NEXT STEPS:**



# Task Sheet 5

**5) A thermometer is a handy tool. It can be used to measure temperature.**

For this activity, you will need a thermometer that can be placed into water. You will also need a small cup of water. It should be cool enough to drink, but not too cold. Also, you will need a small cup of beverage (juice, water, or a soft drink) from a refrigerator. Make sure to have an adult help you.



**a) Look at the two cups. With the help of an adult, carefully touch them. Then, think about what you know about temperature. What temperature, in Fahrenheit, do you think each cup will be**

Cup from refrigerator \_\_\_\_\_ Cup from faucet \_\_\_\_\_

**b) Use a thermometer. Find the temperature, in Fahrenheit, for each cup.**

Cup from refrigerator \_\_\_\_\_ Cup from faucet \_\_\_\_\_

**c) With the help of an adult, put the cups in your freezer. Keep them inside for five minutes. Then, find the temperature for each cup.**

Cup from refrigerator \_\_\_\_\_ Cup from faucet \_\_\_\_\_

NAME: \_\_\_\_\_



# Drill Sheet 2

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

Answer:

Answer:



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: \_\_\_\_\_

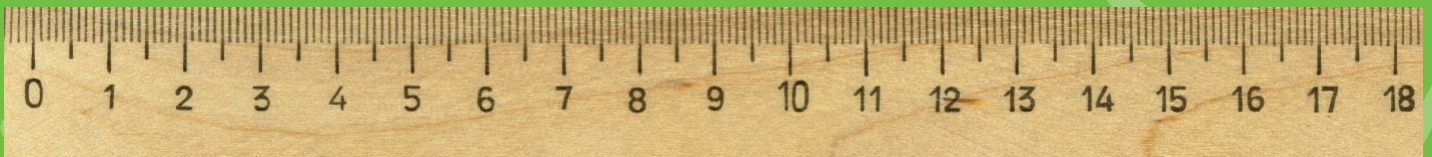
75 cents: \_\_\_\_\_

90 cents: \_\_\_\_\_

# Measuring Up



For this activity, you are being asked to measure items in class. Your job is to use a centimeter ruler and find items that range from 1 centimeter to 10 centimeters. Try to find an object that measures closest to each length. Write the name of the object. Share your results in class.



1 cm: \_\_\_\_\_

2 cm: \_\_\_\_\_

3 cm: \_\_\_\_\_

4 cm: \_\_\_\_\_

5 cm: \_\_\_\_\_

6 cm: \_\_\_\_\_

7 cm: \_\_\_\_\_

8 cm: \_\_\_\_\_

9 cm: \_\_\_\_\_

10 cm: \_\_\_\_\_

SAMPLE