## NCTM Content Standards Assessment Rubric <br> Measurement

Student's Name:


## Task Sheet 10

## Tons, Pounds, and Ounces

10) Tia was making the following chart of items for a science report. She was listing mammals based on their weight in terms of tons, pounds, and ounces. Tia wanted to be sure she listed the weight in each unit to show just how large the mammals were. She was able to find the weight for certain animals in certain measurements. Help her complete the entire chart by calculating the missing information.


| Item | Weight in Tons | Weight in Pounds | Weight in Kilo norms | Weight in Ounces |
| :---: | :---: | :---: | :---: | :---: |
| Blue Whale | 190 |  | - |  |
| Fin Whale | 80 |  | - | - |
| Right Whale |  | , | 63,503 |  |
| Bowhead Whale |  | N |  | 2,080,000 |
| Elephant |  | 5100 |  |  |
| Hippopotamus | 3.5 |  |  |  |
| Rhinoceros |  |  | 2,268 |  |
| Giraffe |  | 3,000 |  |  |
| Water Buffalo |  |  |  |  |
| Polar Bear |  |  |  | 8,000 |



## Drill Sheet 2

## Conversions



## Angle Measurement


b) Angle One $\qquad$ $-$

## Short Answers

e) What is the

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wre with a side of $5 \mathrm{~cm}(2 \mathrm{in})$ ?
-
f) What portion of a circle is twice as long as the radius?
g) If a house has an area of 25 sq . ft ( $2 \mathrm{sq} . \mathrm{m}$ ) on a floor plan and the scale is $1: 10$, how big is the house?
h) What is the perimeter of an equilateral triangle with a base of 5 inches $(13 \mathrm{~cm})$ ?
i) Jonathan travels a distance of 150 miles (241 kilometers) by bicycle. He travels for six consecutive days, traveling the same amount of miles (kilometers) each day. How many miles (kilometers) does he travel in two days?

## Money, Money, Money - ○○○○ ○○○○○○ •○○○

You have been assigned to work with a design committee to create a new denomination of coin or bill. Your task is to complete the following tasks as you prepare to release the newest denomination within the year.
a) Determine which new denomination of coin or bill would be useful to the public.

b) Create a name for this new denomination.
c) Explain why this new denomin : consumers.
d) Seleci thear on the front of the new or bill. This person should eea figure from history who had a positive impact. Explain in uils person should appear on a unit of currency.
e) Design the new coin or bill and how it would look.
f) Unveil the new design for your classmates. Show ten ways it can be combined with other denominations to make change (for example if you invented the nickel, \$1.00 + a nickel = \$1.05).

