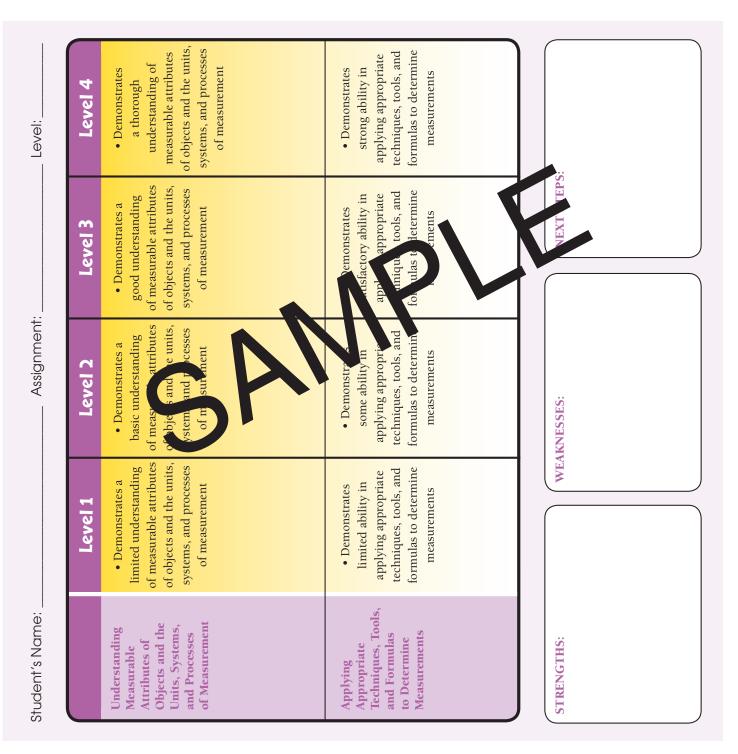
NCTM Content Standards Assessment Rubric

Measurement – Drill Sheets



3

© CLASSROOM COMPLETE

💭 🗐 Warm-Up Drill Sheet # 4	NAME:
10a) Draw the following shapes described and area of the shape you have draw	l below using a ruler. Then, find the perimeter wn.
0 1 2 3 4 5 6 7 8	9 10 11 1 2 13 14 15 16 17 18
i) A square with a side of 1.3 in (3 cm).	ii) A rectangle with a length of 0.8 in (2 cm) and a width of 1.3 in (3 cm).
Perimeter:	Perimeter:
Area: iii) A square with sides all equal to 1 in (2.5 cm).	Ar any Ar analysis of the second seco
Perimeter:	Perimeter:
Area:	Area:
v) An equilateral trianale with a side of 0.8 in (2 cm) and a height of 0.7 in (1.7 cm)	vi) A rectangle with a length of 1.6 in (4 cm) and a width of 1 in (2.5 cm).
Perimeter:	Perimeter:
Area:	Area:
vii) An isosceles triangle with two congruent sides of your choice and height of your choice.	viii) A rectangle where the length is 2 times the width. You may choose the measurements.
Perimeter:	Perimeter:
Area:	Area:
© CLASSROOM COMPLETE	6 Measurement CCP3215-4

N	A	N	1	F	•
IN		IV	L	L	•

Review C

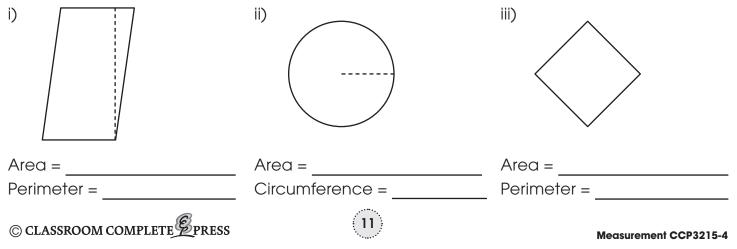
Review Sheet

a) Convert the following measurements. i) 18.3 yd = ______ft ii) 1.28 cm = ______mm iii) 0.25 tons = ______lbs iv) 1.025 m = ______mm v) 198 oz = ______lbs vi) 7.5 g = ______kg vii) 144 qt = ______gal viii) 1.25 km = ______cm ix) 40.3 ft = ______in x) 27.55 kg = ______g xi) 24.5 ft = _____yds xii) 4.25 km = ______m xiii) 25.25 g = ______mg xiv) 8.25 ft = ______in xv) 0.028 kL = ______L

b) Answer the following quick measurement questions.

- i) Steven measured the length of time it took for a science experiment to be completed. After three trials, his times were 18.25 seconds, 16.75 seconds, and 15.27 seconds. What was the average time for the experiments to be completed.
- ii) A parallelogram has an area of 4.2 sq. in (27 s. , cm). What are two possible base and height measurements?
- iii) Diego rode a bike for three conservative adat. Hy averaged 25.25 miles
 (40.6 km) each day. How many total feat meters) had he traveled after three days?
- iv) A rectangular box has a leight of sinches (8 cm), a width of 2 inches (5 cm), and a height of sinches (1 cm). What is the surface area?
- v) The radius of a circle is 5 inches (12.5 cm). What is the area of the circle?

c) Use a ruler to measure the objects below. Find the area, perimeter and circumference for each object.



Area of a Circle

Look at the picture of the circle below. Discuss how you can determine the area and perimeter of the circle. Then, in a well developed paragraph, explain how to find the area.

Finally, measure the circle and find the area and perimeter.

Things to consider in your answer:

- 1. What measurements will you need?
- 2. What units of measure will you use?
- 3. How do the measurements you need relate to each other?

Things to consider in your paragraph:

- 1. Make sure to include a topic sentence and conclusion.
- 2. Make sure your paragraph contains at least five sentences.
- 3. Make sure to use transition words to help explain your work.

