

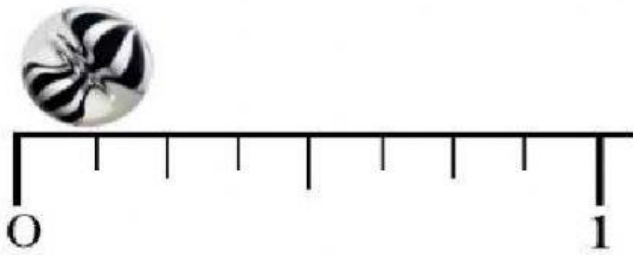
Name: _____

Date: _____

SOL 4.8a,c,d Graded Assignment

Directions: Solve for each of the problems.

1. Determine the length of the marble using the ruler below.



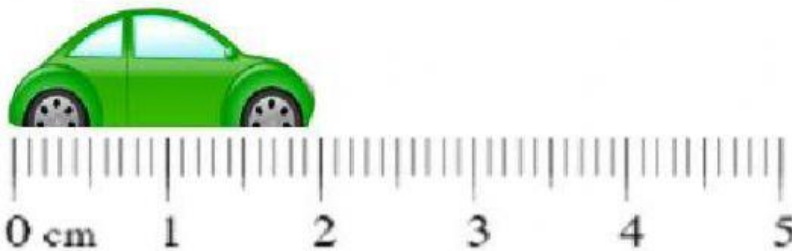
a. $\frac{1}{8}$ of an inch

b. $\frac{1}{4}$ of an inch

c. $\frac{2}{4}$ of an inch

d. $\frac{3}{8}$ of an inch

2. Measure the toy car to the nearest centimeter.



Michael lines up 5 of the same toy cars in row, end-to-end and without overlapping them. Which measurement is closest to the length of the 5 toys cars?

a. 2 millimeters

b. 5 centimeters

c. 2 centimeters

d. 10 centimeters

3. Which unit best measures the height of a classroom door?

a. inches

b. feet

c. yards

d. miles

Name: _____

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4. Sort the following items according to the most appropriate unit to use when measuring length of each item.

Person's Height
Pencil
Football Field
Boat
Drinking Straw
Chalkboard
Road

Inches	Feet	Yards	Miles

5 - 8. Determine the equivalent measurement for each problem.

12 inches	=	1 foot
3 feet	=	1 yard
36 inches	=	1 yard
1,760 yards	=	1 mile
5,280 feet	=	1 mile

5. 4 feet = _____ inches
6. 5 yards = _____ feet
7. 6 miles = _____ yards
8. 10,560 feet = _____ miles

9. Christopher's dad is 6 feet 2 inches tall. If 12 inches = 1 foot, how many inches tall is Christopher's dad?

a. 4 inches	b. 72 inches
c. 8 inches	d. 74 inches

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10. Sarah is preparing her material to make a blanket. She has determined she wants her blanket to be at least 6 feet long. If 1 foot = 12 inches and 3 feet = 1 yard, what are the equivalent measures she needs for her blanket?

36 inches

72 inches

2 yards

18 yards