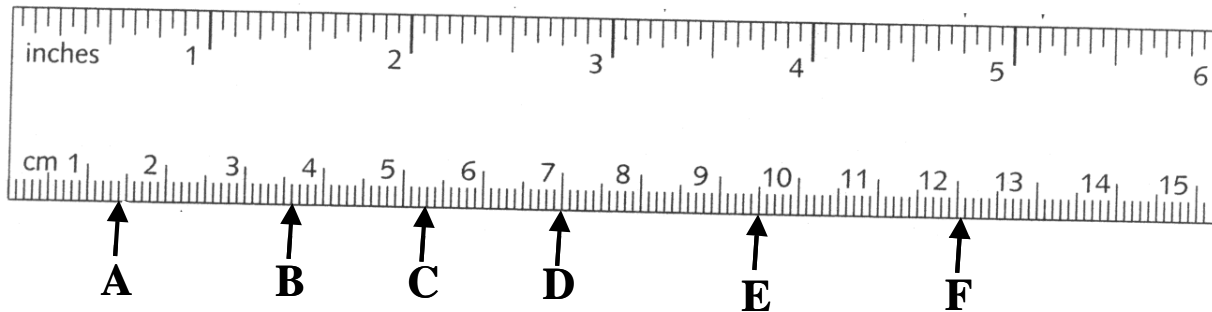


**GRADE 10 ESSENTIAL
UNIT C – MEASUREMENT
READ RULER WORKSHEET**

Name: _____

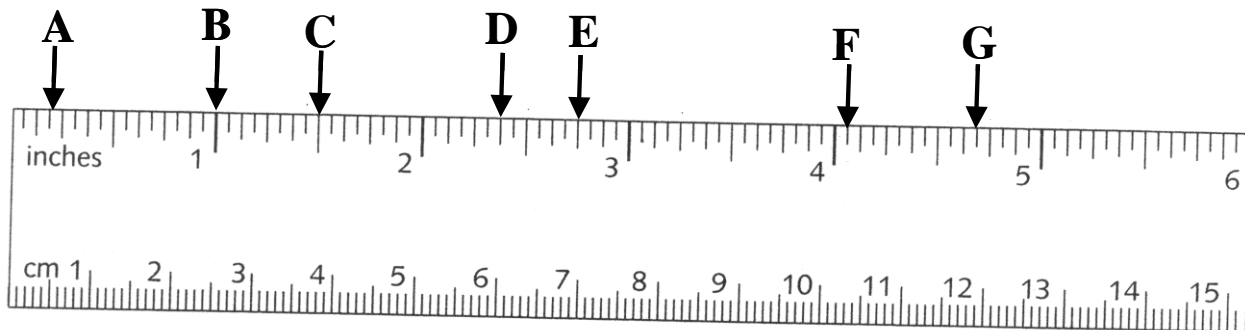
Date: _____

1. Determine the measurements indicated on this metric ruler:



	A	B	C	D	E	F
cm						
mm						

2. Determine the indicated measurements on the Inch Ruler below to the indicated precision in the table:



	A	B	C	D	E	F	G
Nearest $1/16^{\text{th}}$ "							
Nearest $1/8^{\text{th}}$ "							

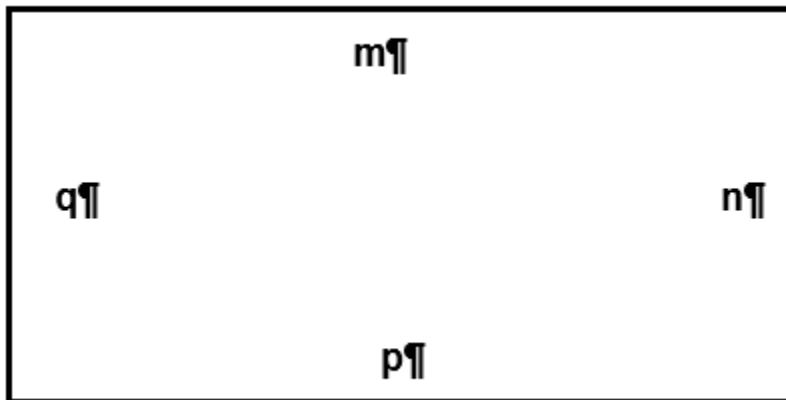
3. Record the lengths of these noodles in **cm**, **mm**, and **inches** (in to nearest $1/8^{th}$)

a.  cm: _____
mm: _____
in: _____

b.  cm: _____
mm: _____
in: _____

c.  cm: _____
mm: _____
in: _____

4. Your boss asked you to measure the perimeter (distance around the outside) of this rectangle 'mnpq' in units of cm as accurately as you can. Determine the length of each side and the total perimeter around the rectangle.



m =

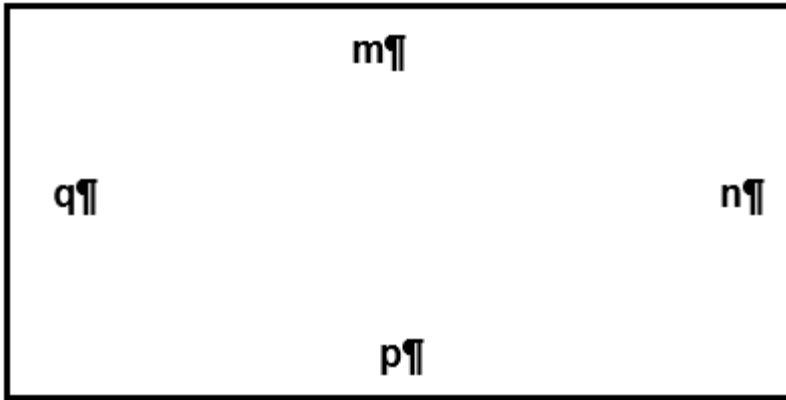
n =

p =

q =

Total:

5. Your friend asks you to measure the perimeter of this rectangle ↓ in inches (to the nearest $\frac{1}{8}$ th of an inch precision) so she can go buy some gold thread to put around the outside. Determine the length of each side *and* the total perimeter around the rectangle.



Inches ($\frac{1}{8}$ th)

m =

n =

p =

q =

Total:

6. Measure the distance around your head in inches and in cm to the best accuracy you can.

Distance: _____ inches _____ cm

7. Measure the dimensions of your classroom desk in the old Imperial System (US System) and in the proper Metric System (SI: Système International) to the best accuracy you can.

	Length	Width	Height
cm			
metres			
inches			
ft & in	____ ft ____ in	____ ft ____ in	____ ft ____ in

8. 'Estimate' (guess) how far it is to St. Matthews Ave from the class. Use whatever unit you think is appropriate. Estimate: _____.

9. Estimate (guess) how far it is to the west perimeter highway from the school. Estimate: _____.

Check your answer on google maps or whatever. Actual distance: _____

