

Team Name _____ Period _____

Name 1 _____ Name 2 _____

Metric Olympics

1. Determine the square meter area of the floor

Length (in meters) _____

Width (in meters) _____

Length x Width = _____

2. How many liters are in the three bottles? A. _____

B. _____

C. _____

3. Measure the top of the paper. How many cm does it measure? _____

4. Estimate a team member's weight. Determine the weight in pounds and kg.

_____ pounds / (divided by) 2.2 = _____ kg

5. What is the temperature in Celcius? _____

6. How much does your pen or pencil weigh in grams? _____

7. How many kilometers in 4950 meters? _____

8. How many liters is one can of pop? _____

9. Which is bigger, one gallon, or three liters? _____

10. Which of these weigh about one gram?

A. Can of pop

B. Paper clip

C. Chair

11. Which of these is about 2 meters?

A. Table

B. Chair

C. Piece of paper

12. Which of these is about a liter?

A. The cup

B. The jar

C. The trash can

13. Which of these is about a centimeter?
 - A. Thickness of a dime
 - B. Width of your little fingernail
 - C. One hand width
14. Which is best to determine the weight of an antelope?
 - A. Kilometers
 - B. Kiloliters
 - C. Kilograms
15. Which is best to determine the amount of water in a cup?
 - A. Meter
 - B. Liter
 - C. Gram
16. Which is best to determine the weight of medicine in a capsule?
 - A. Millimeters
 - B. Milliliters
 - C. Milligrams

17. Fill out the following table. The middle line is just for effect.

_____	hecto	_____	meters	deci	_____	milli
			liters			
1000	_____	10	1	1/_____	1/100	1/_____

18. Fill a test tube with 10 mL of water. Bring it to Ms. Lowe _____(Initials)

19. Measure your and your partner's wrists to the nearest mm. Results below.

Person 1 initials _____ Wrist in mm _____

Person 2 initials _____ Wrist in mm _____

20. Fold a piece of paper to fit on the scale. What is its weight in grams?

21. SPECIAL CHALLENGE!!!!!! Find something unique to measure, weigh, or determine using metrics. (If you leave the room, get permission). Calculate it.

Object:

Metrics: