

## Metric System Test Review

### Part 1 (10 points)

Matching objects to mass, volume, distance, and temperature measurements using metric units

### Part 2 (8 points)

UNIT	SYMBOL	USED TO MEASURE
meter	m	distance
liter	L	volume
gram	g	mass
Celsius	°C	temperature

Part 3 (4 points)

Know metric prefixes

centi-	.01 or $\frac{1}{100}$	deci-	.1 or $\frac{1}{10}$
kilo-	1000	hecto-	100
milli-	.001 or $\frac{1}{1000}$	deka-	10

K	h	da	m	d	c	m
1000	100	10	1	.1	.01	.001

Remember: King Henry danced merrily down central Main

K	h	da	m	d	c	m
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Part 4 (16 points)

Circle the larger measurement

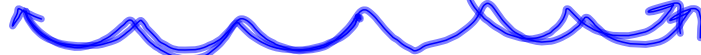
Examples:

- 1) 3 cm or 0.3 m
- 2) 12 kg = 120,001 cg

30 cm

120001 kg

k	h	da	m	d	c	m
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Part 5 (12 points)

Convert metric units

Examples:

1) 54 dL = 5400. mL

54.00.

2) 6.225 kg = 6225 g

6.225

3) 2.7 km = 2,700,000. mm

2,700,000.

Part 6 (6 points)

Measure lines with metric rulers and convert units.

k h da m d c m

104 mm

10.4 cm

10.4 cm = 1.04 dm

1.04 dm

.104 m

10.4 cm = .104 m

Part 7 (4 points)

Measure mass of an object using a balance. Label with correct metric unit (g).

gram