

# Metric System Challenge

Name \_\_\_\_\_

1. Instrument used to find mass. \_\_\_\_\_  
21 17
2. Metric unit for length \_\_\_\_\_  
20 23
3. Amount of space an object takes up \_\_\_\_\_  
16
4.  $9.8 \text{ m/s}^2$  \_\_\_\_\_  
10
5. Metric unit for mass \_\_\_\_\_  
15
6. Instrument used to measure volume \_\_\_\_\_  
6 8 25
7. Mass  $\div$  volume \_\_\_\_\_  
19 24
8. 1 meter = 100 \_\_\_\_\_  
4
9. Metric unit for weight \_\_\_\_\_  
5
10. Metric unit for liquid volume \_\_\_\_\_  
3
11. Amount of matter in an object \_\_\_\_\_  
26
12. Measure of the force of gravity acting on an object \_\_\_\_\_  
18
13. Metric unit for temperature \_\_\_\_\_  
11 1
14. 1 liter = 1,000 \_\_\_\_\_  
7
15. The name of the "bubble" \_\_\_\_\_  
22
16. 1000 grams = 1 \_\_\_\_\_  
12
17. Instrument used to measure length \_\_\_\_\_  
14
18. 1 milliliter = 1 \_\_\_\_\_  
13
19. Width, height, thickness, or distance \_\_\_\_\_  
9
20. Formula for calculating volume  $\_ \times \_ \times \frac{\_}{2}$

**Why were the teacher's eyes crossed?**

\_\_\_\_\_, \_\_\_\_\_!  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

## Answer Key for Metric System Challenge

1. Triple-beam balance
2. Meter
3. Volume
4. Gravity
5. Gram
6. Graduated cylinder
7. Density
8. Centimeter
9. Newton
10. Liter
11. Mass
12. Weight
13. Celsius
14. Milliliters
15. Meniscus
16. Kilogram
17. Meterstick
18. Cubic centimeter
19. Length
20. L x W x H

Answer to joke:

She couldn't control her pupils!