

Physical Science
Metric (SI) Prefixes Worksheet

Name: _____ Block: ___

Circle the larger of the two units:

1. meter kilometer

2. centigram gram

3. deciliter liter

4. second millisecond

5. centimeter meter

6. centimeter decimeter

7. kg mg

8. ml dl

9. mg g

10. km cm

Using your notes, or the handout, complete each of the following:

11. 1 kilogram = _____ grams

12. 1 liter = _____ milliliters

13. 1 meter = _____ centimeters

14. _____ deciliters = 1 liter

15. _____ milliseconds = 1 second

16. 1 km = _____ m

For each of the following, fill in the blank in front of the larger unit with a "1", and then fill in the other blank with the correct number:

17. _____ gram = _____ kilogram

18. _____ deciliter = _____ liter

19. _____ meter = _____ centimeter

20. _____ gram = _____ milligram

21. _____ km = _____ m

22. _____ s = _____ ms

23. _____ m = _____ km

24. _____ m = _____ mm

25. _____ ml = _____ l

26. _____ kl = _____ l