

Metric Units of Mass

The **milligram (mg)**, the **gram (g)**, and the **kilogram (kg)** are metric units used to measure mass.

$$1,000 \text{ mg} = 1 \text{ g}$$

$$1,000 \text{ g} = 1 \text{ kg}$$

$$1 \text{ mg} = 0.001 \text{ g}$$

$$1 \text{ g} = 0.001 \text{ kg}$$

Practice • Which unit of measure would you use? Write GRAM or KILOGRAM.

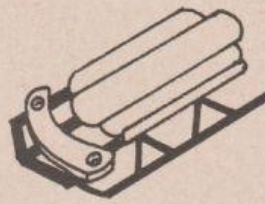
1.



2.



3.



4.



Mixed Practice • Ring the correct measure for each.

5.



6.



7.



8.



340 g 340 kg

1 g 1 kg

269 g 269 kg

25 g 25 kg

9.



10.



11.



12.



5 g 5 kg

700 g 700 kg

5 g 5 kg

2 g 2 kg

Complete.

13. 5 kg = _____ g 14. 3 g = _____ mg 15. _____ g = 4 mg
 16. 2.9 kg = _____ g 17. _____ kg = 51 g 18. _____ g = 76 mg
 19. _____ kg = 200 g 20. 26.7 kg = _____ g 21. 33.5 kg = _____ g