



Metric units of mass: kilograms and grams

Grade 4 Measurement Worksheet

Note: 1 kilogram (kg) = 1,000 grams (gm)

Convert kilograms to grams

1. 2.5 kg = _____ g
2. 27 kg = _____ g
3. 0.4 kg = _____ g
4. 9.8 kg = _____ g
5. 0.28 kg = _____ g
6. 47 kg = _____ g
7. 83 kg = _____ g
8. 0.07 kg = _____ g
9. 0.9 kg = _____ g
10. 84 kg = _____ g

Convert grams to kilograms

11. 6,000.0 g = _____ kg
 12. 5,000.0 g = _____ kg
 13. 300,000 g = _____ kg
 14. 200.00 g = _____ kg
 15. 4,000.00 g = _____ kg
 16. 100.00 g = _____ kg
 17. 300.00 g = _____ kg
 18. 100,000 g = _____ kg
 19. 50,000 g = _____ kg
 20. 1,000.00 g = _____ kg
- _____



Metric units of mass: kilograms and grams

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Note: 1 kilogram (kg) = 1,000 grams (gm)

Convert kilograms to grams

1. 2.5 kg = 2,500 g
2. 27 kg = 27,000 g
3. 0.4 kg = 400 g
4. 9.8 kg = 9,800 g
5. 0.28 kg = 280 g
6. 47 kg = 47,000 g
7. 83 kg = 83,000 g
8. 0.07 kg = 70 g
9. 0.9 kg = 900 g
10. 84 kg = 84,000 g

Convert grams to kilograms

11. 6,000.0 g = 6 kg
12. 5,000.0 g = 5 kg
13. 300,000 g = 300 kg
14. 200.00 g = 0.2 kg
15. 4,000.00 g = 4 kg
16. 100.00 g = 0.1 kg
17. 300.00 g = 0.3 kg
18. 100,000 g = 100 kg
19. 50,000 g = 50 kg
20. 1,000.00 g = 1 kg