



Metric units of mass: kilograms and grams

Grade 4 Measurement Worksheet

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

Convert kilograms to grams

1. 18 kg = _____ g
2. 86 kg = _____ g
3. 53 kg = _____ g
4. 0.99 kg = _____ g
5. 0.8 kg = _____ g
6. 5.9 kg = _____ g
7. 0.18 kg = _____ g
8. 3.7 kg = _____ g
9. 0.03 kg = _____ g
10. 7.3 kg = _____ g

Convert grams to kilograms

11. 300,000 g = _____ kg
12. 20,000 g = _____ kg
13. 4,000.0 g = _____ kg
14. 50,000 g = _____ kg
15. 2,000.0 g = _____ kg
16. 500.00 g = _____ kg
17. 400,000 g = _____ kg
18. 40,000 g = _____ kg
19. 600.00 g = _____ kg
20. 70,000 g = _____ kg



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

Convert kilograms to grams

1. 18 kg = 18,000 g
2. 86 kg = 86,000 g
3. 53 kg = 53,000 g
4. 0.99 kg = 990 g
5. 0.8 kg = 800 g
6. 5.9 kg = 5,900 g
7. 0.18 kg = 180 g
8. 3.7 kg = 3,700 g
9. 0.03 kg = 30 g
10. 7.3 kg = 7,300 g

Convert grams to kilograms

11. 300,000 g = 300 kg
12. 20,000 g = 20 kg
13. 4,000.0 g = 4 kg
14. 50,000 g = 50 kg
15. 2,000.0 g = 2 kg
16. 500.00 g = 0.5 kg
17. 400,000 g = 400 kg
18. 40,000 g = 40 kg
19. 600.00 g = 0.6 kg
20. 70,000 g = 70 kg