



Metric units of mass: kilograms and grams

Grade 4 Measurement Worksheet

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

Convert kilograms to grams

1. 0.62 kg = _____ g
2. 0.86 kg = _____ g
3. 8.7 kg = _____ g
4. 4 kg = _____ g
5. 0.06 kg = _____ g
6. 43 kg = _____ g
7. 0.2 kg = _____ g
8. 0.47 kg = _____ g
9. 0.54 kg = _____ g
10. 13 kg = _____ g

Convert grams to kilograms

11. 1,000.0 g = _____ kg
12. 400,000 g = _____ kg
13. 4,000.00 g = _____ kg
14. 900.00 g = _____ kg
15. 7,000.0 g = _____ kg
16. 400.00 g = _____ kg
17. 600.00 g = _____ kg
18. 8,000.0 g = _____ kg
19. 30,000.0 g = _____ kg
20. 40,000 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. 0.62 kg = 620 g
2. 0.86 kg = 860 g
3. 8.7 kg = 8,700 g
4. 4 kg = 4,000 g
5. 0.06 kg = 60 g
6. 43 kg = 43,000 g
7. 0.2 kg = 200 g
8. 0.47 kg = 470 g
9. 0.54 kg = 540 g
10. 13 kg = 13,000 g

Convert grams to kilograms

11. 1,000.0 g = 1 kg
12. 400,000 g = 400 kg
13. 4,000.00 g = 4 kg
14. 900.00 g = 0.9 kg
15. 7,000.0 g = 7 kg
16. 400.00 g = 0.4 kg
17. 600.00 g = 0.6 kg
18. 8,000.0 g = 8 kg
19. 30,000.0 g = 30 kg
20. 40,000 g = 40 kg