

Metric units of mass: kilograms and grams

Grade 4 Measurement Worksheet

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

Convert kilograms to grams

1. 32 kg = _____ g
2. 0.31 kg = _____ g
3. 0.5 kg = _____ g
4. 0.35 kg = _____ g
5. 8 kg = _____ g
6. 3.2 kg = _____ g
7. 67 kg = _____ g
8. 81 kg = _____ g
9. 6.3 kg = _____ g
10. 0.38 kg = _____ g

Convert grams to kilograms

11. 200,000 g = _____ kg
12. 800.00 g = _____ kg
13. 400,000 g = _____ kg
14. 1,000.00 g = _____ kg
15. 40,000.0 g = _____ kg
16. 10,000.0 g = _____ kg
17. 3,000.0 g = _____ kg
18. 500.00 g = _____ kg
19. 30,000 g = _____ kg
20. 20,000.0 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

- 32 kg = 32,000 g
- 0.31 kg = 310 g
- 0.5 kg = 500 g
- 0.35 kg = 350 g
- 8 kg = 8,000 g
- 3.2 kg = 3,200 g
- 67 kg = 67,000 g
- 81 kg = 81,000 g
- 6.3 kg = 6,300 g
- 0.38 kg = 380 g

Convert grams to kilograms

- 200,000 g = 200 kg
- 800.00 g = 0.8 kg
- 400,000 g = 400 kg
- 1,000.00 g = 1 kg
- 40,000.0 g = 40 kg
- 10,000.0 g = 10 kg
- 3,000.0 g = 3 kg
- 500.00 g = 0.5 kg
- 30,000 g = 30 kg
- 20,000.0 g = 20 kg