



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

Grade 4 Measurement Worksheet

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

Convert kilograms to grams

1. 32 kg = 32,000 g
2. 0.31 kg = 310 g
3. 0.5 kg = 500 g
4. 0.35 kg = 350 g
5. 8 kg = 8,000 g
6. 3.2 kg = 3,200 g
7. 67 kg = 67,000 g
8. 81 kg = 81,000 g
9. 6.3 kg = 6,300 g
10. 0.38 kg = 380 g

Convert grams to kilograms

11. 200,000 g = 200 kg
12. 800.00 g = 0.8 kg
13. 400,000 g = 400 kg
14. 1,000.00 g = 1 kg
15. 40,000.0 g = 40 kg
16. 10,000.0 g = 10 kg
17. 3,000.0 g = 3 kg
18. 500.00 g = 0.5 kg
19. 30,000 g = 30 kg
20. 20,000.0 g = 20 kg