

## Metric units of mass: kilograms and grams

### Grade 3 Measurement Worksheet

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

Convert kilograms to grams

1. 58 kg = \_\_\_\_\_ g
2. 16 kg = \_\_\_\_\_ g
3. 6 kg = \_\_\_\_\_ g
4. 57 kg = \_\_\_\_\_ g
5. 45 kg = \_\_\_\_\_ g
6. 3 kg = \_\_\_\_\_ g
7. 67 kg = \_\_\_\_\_ g
8. 4 kg = \_\_\_\_\_ g
9. 21 kg = \_\_\_\_\_ g
10. 86 kg = \_\_\_\_\_ g

Convert grams to kilograms

11. 20,000 g = \_\_\_\_\_ kg
12. 200,000 g = \_\_\_\_\_ kg
13. 400,000 g = \_\_\_\_\_ kg
14. 40,000 g = \_\_\_\_\_ kg
15. 80,000 g = \_\_\_\_\_ kg
16. 100,000 g = \_\_\_\_\_ kg
17. 300,000 g = \_\_\_\_\_ kg
18. 70,000 g = \_\_\_\_\_ kg
19. 30,000 g = \_\_\_\_\_ kg
20. 60,000 g = \_\_\_\_\_ kg

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- 16 kg = 16,000 g
- 6 kg = 6,000 g
- 57 kg = 57,000 g
- 45 kg = 45,000 g
- 3 kg = 3,000 g
- 67 kg = 67,000 g
- 4 kg = 4,000 g
- 21 kg = 21,000 g
- 86 kg = 86,000 g

Convert grams to kilograms

- 20,000 g = 20 kg
- 200,000 g = 200 kg
- 400,000 g = 400 kg
- 40,000 g = 40 kg
- 80,000 g = 80 kg
- 100,000 g = 100 kg
- 300,000 g = 300 kg
- 70,000 g = 70 kg
- 30,000 g = 30 kg
- 60,000 g = 60 kg