



Measurement

Skill 4 - 18D

Metric Capacity

Test question 18D: Which measurement is the greatest?
 a. 20 kilograms b. 200 grams c. 8 kilograms d. 5,000 grams

answer: a. 20 kilograms

<h3 style="background-color: #e1eef6; padding: 5px;">Metric Units of Mass</h3> <p style="padding: 10px;">1 kilogram (kg) = 1,000 grams (g)</p>		<p>The mass of a small paper clip is about 1 gram.</p>
		<p>The mass of 7 apples is about 1 kilogram.</p>

Examples

$3 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$	Answer:	number of kilograms \downarrow 3	X	number of grams in 1 kilogram \downarrow 1,000	=	total grams \downarrow = 3,000	so, 3 kg = 3,000 g
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$4,000 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$	Answer:	number of grams \downarrow 4,000	\div	number of grams in 1 kilogram \downarrow 1,000	=	total kilograms \downarrow = 4	so, 4,000 g = 4 kg
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Directions: Complete.

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|-------------------------|------------------------|-------------------------|
| 1. 2 kg = _____ g | 2. 4,000 g = _____ kg | 3. 5 kg = _____ g |
| 4. 3 kg = _____ g | 5. 6,000 g = _____ kg | 6. 8,000 g = _____ kg |
| 7. 10,000 g = _____ kg | 8. 1 kg = _____ g | 9. 10 kg = _____ g |
| 10. 12,000 g = _____ kg | 11. 7 kg = _____ g | 12. 11,000 g = _____ kg |
| 13. 4 kg = _____ g | 14. 3,000 g = _____ kg | 15. 12 kg = _____ g |

Answers: Skill 18D, Grade 4

1. 2,000 g 2. 4 kg 3. 5,000 g 4. 3,000 g 5. 6 kg 6. 8 kg 7. 10 kg

8. 1,000 g 9. 10,000 g 10. 12 kg 11. 7,000 g 12. 11 kg 13. 4,000 g 14. 3 kg

15. 12,000 g