

Proficiency Practice

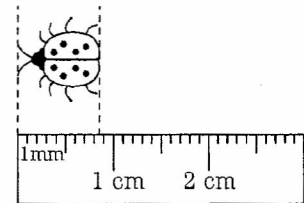
Measurement

1. Chris wants to measure the size of her kitchen. Which of the following would be the *most* appropriate unit of measure to use?

a) millimeter b) centimeter c) meter d) kilometer

2. Desmond is measuring a ladybug using a ruler marked in centimeters and millimeters. Which measurement shows the appropriate level of precision?

a) 8 mm b) 8.5 mm c) 8.52 mm d) 8.520 mm



3. Which is another way of writing 3.21 km?

a) 0.00321 cm b) 0.0321 cm c) 0.00321 m d) 3210 m

4. How many ounces are in 5 lbs 3 oz?

a) 77 b) 80 c) 83 d) 96

5. In planning to buy food for a group, a 6 ounce steak is a good portion as part of a full meal. How much steak must be bought for a group of 14 people?

a) 5 lbs b) $5\frac{1}{4}$ lbs c) 5 lbs 8 oz d) 6 lbs

6. A package of 50 hamburgers is bought for a picnic. If each hamburger weighs $\frac{1}{4}$ pound, then what is the weight of the entire package?

a) 10 lbs 10 oz b) 12 lbs 5 oz c) 12 lbs 8 oz d) 200 lbs

7. A bathtub measures 72 inches long, 30 inches wide, and 24 inches deep. If each cubic foot of water is equal to about $7\frac{1}{2}$ gallons, how many gallons of water will fit in the tub?

a) $162\frac{1}{2}$ gallons b) 225 gallons c) $384\frac{1}{2}$ gallons d) 400 gallons

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Proficiency Practice Measurement 8/9/2005

Answer List

- | | | |
|-------|-------|-------|
| 1. c | 2. b | 3. d |
| 4. c | 5. b | 6. c |
| 7. b | 8. c | 9. b |
| 10. a | 11. c | 12. c |
| 13. a | 14. c | 15. a |
| 16. b | 17. c | 18. d |
| 19. b | 20. b | |

Catalog List

- | | | |
|----------------|----------------|---------------|
| 1. NC5 CD 19 | 2. NC5 CD 1 | 3. OH1 BC 88 |
| 4. OH1 BC 60 | 5. OH1 BC 71 | 6. OH1 BC 72 |
| 7. NV1 HA 25 | 8. NC3 JC 17 | 9. CA1 BG 1 |
| 10. CA1 BG 16 | 11. CA1 BG 20 | 12. CA1 BG 42 |
| 13. CA1 CO 8 | 14. CA1 CO 10 | 15. CA1 BK 29 |
| 16. CA1 BK 22 | 17. NV1 MB 4 | 18. NV1 MC 6 |
| 19. CA1 BH 105 | 20. CA1 BH 109 | |