

## Conversion Riddles

Solve each set of exercises by using the choices in the far right column. Then write the letter above the corresponding exercise number to solve the riddle.

For 1–11, choose the letter of the equivalent customary measurement.

- |                      |            |
|----------------------|------------|
| 1. 4 yd              | A. 12 ft   |
| 2. 48 oz             | B. 6 lb    |
| 3. $3\frac{1}{4}$ lb | E. 5 yd    |
| 4. 2 gal             | G. 8 qt    |
| 5. 30 ft             | H. 360 in. |
| 6. 20 qt             | I. 52 oz   |
| 7. 144 in            | L. 112 oz  |
| 8. $\frac{1}{2}$ gal | N. 2 qt    |
| 9. 16 pt             | R. 3 lb    |
| 10. 7 lb             | S. 3 gal   |
| 11. 15 ft            | T. 40 pt   |

Which geometric figure is always correct?

1    2    3    4    5    6    7    8    9    10    11

For 12–21, choose the letter of the equivalent metric measurement.

- |               |             |
|---------------|-------------|
| 12. 4,000 mm  | A. 400 cm   |
| 13. 3 kg      | C. 4,000 m  |
| 14. 4 m       | D. 7 kg     |
| 15. 12,000 mL | I. 0.5 kg   |
| 16. 7,000 g   | K. 500 mL   |
| 17. 40 cm     | R. 12 L     |
| 18. 8 L       | S. 400 mm   |
| 19. 500 g     | T. 8,000 mL |
| 20. 4 km      | U. 40 km    |
| 21. 0.5 L     | Y. 3,000 g  |

What has three feet, but cannot walk or run?

12    13    14    15    16    17    18    19    20    21