

LESSON
9-3

Practice B
Converting Customary Units

Convert.

- 1. 3 yards = _____ inches
- 2. _____ yards = 87 feet
- 3. _____ cups = 104 fluid ounces
- 4. 4 quarts = _____ pints
- 5. 4 pounds = _____ ounces
- 6. 80 ounces = _____ pounds
- 7. 5 miles = _____ yards
- 8. _____ gallons = 48 cups
- 9. _____ cups = 4 pints
- 10. 36 inches = _____ yards

Compare. Use <, >, or =.

- 11. 4 quarts _____ 24 cups
- 12. 2.5 feet _____ 32 inches
- 13. 8 ounces _____ $\frac{1}{4}$ pound
- 14. 5 cups _____ 40 fluid ounces
- 15. 56 ounces _____ 3.5 pounds
- 16. 2 yards _____ 5 feet
- 17. 1.5 miles _____ 2,500 yards
- 18. $3\frac{1}{2}$ tons _____ 6,000 pounds

19. Cassandra drank $8\frac{1}{2}$ cups of water during the mountain hike.
How many fluid ounces of water did she drink?

20. Stan cut a wooden plank into 4 pieces. Each piece was 18 inches long. How long was the plank before Stan cut it?

LESSON
9-3

Problem Solving
Converting Customary Units

Write the correct answer.

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| <p>1. Each side of a professional baseball base must measure 15 inches. What is the base's side length in feet?</p> <p>_____</p> | <p>2. In the NBA, any shot made from 22 feet or more from the basket is worth 3 points. How many yards from the basket is that?</p> <p>_____</p> |
| <p>3. The maximum weight for a professional bowling ball is 16 pounds. What is the maximum weight in ounces?</p> <p>_____</p> | <p>4. A professional hockey goal is 6 feet wide and 4 feet high. What is the area of the goal in square yards?</p> <p>_____</p> |
| <p>5. An NFL football field is 120 yards long. How many times would you have to run across the field to run 1 mile?</p> <p>_____</p> | <p>6. The official length for a marathon race is 26.2 miles. How many yards long is a marathon? How many feet?</p> <p>_____</p> |

Circle the letter of the correct answer.

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| <p>7. The distance between bases in a professional baseball game is 90 feet. What is the distance between bases in inches?</p> <p>A 1,000 inches C 1,100 inches
B 1,080 inches D 10,800 inches</p> | <p>8. What is the area of a baseball diamond in square yards?</p> <p>F 300 square yards
G 600 square yards
H 900 square yards
J 8,100 square yards</p> |
| <p>9. An NFL football can be no less than $\frac{87}{96}$ feet long. What is the minimum length for an official football in inches?</p> <p>A $10\frac{7}{8}$ inches C $\frac{87}{1152}$ inches
B $1\frac{3}{32}$ inches D $2\frac{69}{96}$ inches</p> | <p>10. An official Olympic-sized swimming pool holds 880,000 gallons of water! How many fluid ounces of water is that?</p> <p>F 1,4080,000 fluid ounces
G 7,040,000 fluid ounces
H 112,640,000 fluid ounces
J 1,760,000 fluid ounces</p> |