

UNIT TEST **Lessons 24–30**

IV

Solve for the unknown. Check your work.

1. $7L = 49$

2. Check

3. $3R - 8 = 22$

4. Check

5. $\frac{5}{8}X + 9 = 19$

6. Check

7. $\frac{3}{10}Y - \frac{1}{5} = \frac{2}{5}$

8. Check

9. $\frac{3}{4}T + \frac{3}{8} = 6\frac{3}{8}$

10. Check

UNIT TEST IV

Solve.

11. $\frac{9}{10} \times \frac{5}{7} \times \frac{2}{3} = \underline{\hspace{2cm}}$

12. $2\frac{1}{9} \times 2\frac{1}{4} \times 1\frac{1}{11} = \underline{\hspace{2cm}}$

Write each fraction in hundredths. Then write it as a decimal and as a percent.

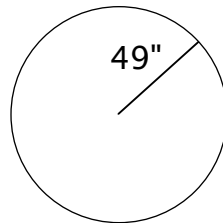
13. $\frac{3}{4} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}\%$

14. $\frac{1}{2} = \frac{\hspace{1cm}}{100} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}\%$

Use the fractional value of π ($\frac{22}{7}$) to find the area and circumference of the circle.

15. area = $\underline{\hspace{2cm}}$

16. circumference = $\underline{\hspace{2cm}}$



Write the Arabic numeral that corresponds to each Roman numeral.

17. X _____

18. I _____

19. L _____

20. M _____

21. D _____

22. V _____

23. C _____

Answer the questions.

24. Ron walked for five miles. How many feet did he walk?

25. Farmer Brown bought $6 \frac{1}{2}$ tons of cattle feed. How many pounds of feed did he buy?

UNIT TEST IV

26. Eric is $5 \frac{3}{4}$ feet tall. How many inches tall is he?
27. A room is 169 inches wide. How many feet wide is the room?
28. Wesley got the following scores on his unit tests: 100, 90, 85, 97.
What is his average score?