Delta Placement Pre/Post Test

Divide. Write your remainders if the number does not divide evenly.

1. \(4 \overline{80}\)  
2. \(7 \overline{53}\)

3. \(8 \overline{648}\)  
4. \(5 \overline{396}\)

Divide. Include a fraction in your answer if the number does not divide evenly. Check your answers.

5. \(25 \overline{631}\)  
6. check for #5

7. \(16 \overline{349}\)  
8. check for #7

9. \(6 \overline{30458}\)  
10. check for #9
Find the area of each figure.

13. \( A = \) _____

14. \( A = \) _____

15. \( A = \) _____

16. \( A = \) _____

Find the volume of the rectangular solid.

17. \( V = \) _____
Fill in the blanks.

18. 27 ft = _________ yd

19. 40 pt = _________ qt

20. 20 qt = _________ gal

21. 5 dollars = _____ quarters

22. 4 lb = _________ oz

23. 1 mi = _________ ft

24. 5 tons = _________ lb

25. 36 in = _________ ft

26. 40 ft = _________ in

27. 49 to the nearest ten is _____.

28. 4,009 to the nearest thousand is _____.

29. 459 to the nearest hundred is _____.

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Solve.

30. \( \frac{1}{3} \) of 12 = ____  

31. \( \frac{3}{7} \) of 21 = ____

32. \( \frac{5}{8} \) of 32 = ____

Find the denominators and numerators of fractions represented by the rectangles.

33. \[
\begin{array}{c|c|c|c}
\hline
& & & \\
\hline
\hline
\end{array}
\]
\[
\frac{\text{numerator}}{\text{denominator}} = ____
\]

34. \[
\begin{array}{c|c|c|c}
\hline
& & & \\
\hline
\hline
\end{array}
\]
\[
\frac{\text{numerator}}{\text{denominator}} = ____
\]

35. Write in standard notation:

\[
2 \times 1,000,000,000 + 5 \times 100,000,000 + 4 \times 10,000,000 + 3 \times 1,000,000 + 9 \times 100,000
\]

36. Find the average of the numbers: 5, 12, 13, 21, 24 ____

37. What number is represented by the Roman numeral MMCLVIII? ____

38. Write the given date with Roman numerals: 1975 ____