

Name: _____

Date: _____

Villa Victoria Academy

Summer Assignment: Pre-Algebra

Show your work for each question. Calculators are NOT permitted. Please complete over the summer and then hand it in on the first day of school.

Use > or < to compare numbers.

1. 3,660 _____ 360

2. 74,328 _____ 74,238

3. 1,609,372,002 _____ 609,172,002

Round to the place of the underlined digit.

4. 68,852

5. 96,449

6. 68,663

7. 451,006

8. 565,598

9. 9,936

Find each product. Show all of your work.

10.
$$\begin{array}{r} 512 \\ \times 3 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 407 \\ \times 9 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 601 \\ \times 87 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 450 \\ \times 66 \\ \hline \end{array}$$

14. $60 \times 84 =$ _____

15. $52 \times 17 =$ _____

16. $20 \times 20 =$ _____

17. $76 \times 14 =$ _____

18. $25 \times 48 =$ _____

19. $921 \times 80 =$ _____

Find each quotient.

20. $528 \div 20 =$ _____

21. $382 \div 72 =$ _____

22. $279 \div 43 =$ _____

23. $331 \div 93 =$ _____

24. $614 \div 35 =$ _____

25. $489 \div 15 =$ _____

Write the following number for the given words.

26. forty-one ten thousandths _____

27. thirteen thousandths _____

28. eighteen and five hundred four thousandths _____

29. sixty-five and two hundred one thousandths _____

Write each decimal in words.

30. 0.012 _____

31. 4.08 _____

32. 0.0042 _____

Write the decimals in order from least to greatest.

33. 2.31, 0.231, 23.1, 0.23, 3.21 _____

34. 1.02, 1.002, 1.2, 1.11, 1.021 _____

Find the sum or difference. (Rewrite each problem vertically)

35. $6.784 + 0.528 =$

36. $13.02 + 23.107 =$

37. $11.6 + 8.05 + 5.13 =$

38. $11.9 - 2.06 =$

39. $5.01 - 0.871 =$

40. $8 - 4.593 =$

Multiply.

41. $2.07 \times 1.004 =$

42. $9 \times 1.35 =$

43. $42.2 \times 0.09 =$

Divide.

$$44. 14.49 \div 7 =$$

$$45. 17.52 \div 2 =$$

$$46. 58.5 \div 2 =$$

Solve the following problems.

$$47. 4\frac{1}{2} + 2\frac{3}{4} =$$

$$48. \frac{1}{4} + 3\frac{3}{4} =$$

$$49. 9\frac{3}{4} - 7\frac{1}{2} =$$

$$50. 5 - 3\frac{1}{4} =$$

$$51. 6\frac{1}{4} \times 4\frac{1}{2} =$$

$$52. \frac{3}{4} \times 12 =$$

$$53. 6\frac{1}{2} \div \frac{3}{4} =$$

$$54. 1\frac{1}{2} \div 4\frac{3}{4} =$$