Health Care Math

Unit 1

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1. Use the symbols (=, >, <, $\geq$, or $\leq$) to complete the number statement

$$3 \underline{\hspace{1cm}} 7$$

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2. Use the symbols (=, >, <, $\geq$, or $\leq$) to complete the number statement

$$-4 \underline{\hspace{1cm}} 2$$

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3. Use the symbols (=, >, <, $\geq$, or $\leq$) to complete the number statement

$$5 \, \text{dimes} \underline{\hspace{1cm}} 2 \, \text{quarters}$$

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4. Find the sum of each problem

$$8 + 12 + 31 =$$

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5. Find the sum of each problem

$$5 + 293 + 79 =$$

6. Find the sum of each problem

$$512 + 273 + 1234 =$$

7. Find the sum of each problem

Intake is measured in cubic centimeters (cc). Intake involves oral ingestion of fluids and semi-liquid food, intravenous feedings, and tubal feedings. Find the total intake for the following patient for a day:
Oral: 273, 132, 301, 413, 510
Intravenous: 272, 603
Blood: 323

8. Subtract

$$842 - 21 =$$

9. Subtract

$$1002 - 873 =$$

10. Subtract

$$5821 - 87 =$$

11. Multiply

$$90$$
$$\times 3$$

12. Multiply

$$417$$
$$\underline{\times 51}$$

13. Multiply

$$5281$$
$$\underline{\times\ \ 45}$$

14. Write the prime factorization of:

$$24$$

15. Write the prime factorization of:

$$60$$

16. Write the prime factorization of:

$$72$$

17. Divide

$$1419 \div 3 =$$

18. Divide

$$16536 \div 53 =$$

19. Divide

$$5123 \div 5 =$$

20. Solve for the unknown number

$$53 + \underline{\qquad} = 84$$

21. Solve for the unknown number

$$\underline{\qquad} = 5 + 7$$

22. Solve for the unknown number

$$\underline{\qquad} + 12 = 43$$

23. Solve for the unknown number

$$\underline{\qquad} - 20 = 60$$

24. Solve for the unknown number

$$50 - \text{\_\_\_\_} = 15$$

25. Solve for the unknown number

$$\text{\_\_\_\_} \times 3 = 99$$

26. Solve for the unknown number

$$4 \times \text{\_\_\_} = 20$$

27. Solve for the unknown number

$$\text{\_\_\_} \div 5 = 10$$

28. Solve for the unknown number

$$24 \div \text{\_\_\_} = 3$$

29. Round to the nearest 10

$a)$ 123

$b)$ 746

$c)$ 895

30. Round to the nearest 100

    $a)$ 5153

    $b)$ 7849

    $c)$ 14399

31. Round to the nearest 1000

    $a)$ 6434

    $b)$ 12533

    $c)$ 25897

32. Find the sum using estimation to the nearest dollar

$$\$32.45 + \$53.91 + \$123.51$$

33. Find the mean (average) of:

$$3 + 17 + 20 + 48$$

34. Find the median:

$$53, 12, 5, 17, 33$$

35. Find the median:

$$71, 43, 21, 53, 17, 4$$

36. Find the mode:

$$3,4,7,3,4,7,3,5,18,3$$

37. Find the range:

$$8,2,10,15,20$$

38. Write the numerals in Arabic numerals:

xiii

39. Write the numerals in Arabic numerals:

xvii

40. Write the numerals in Arabic numerals:

DCCL

41. Write the numerals in Arabic numerals:

DIX

42. Write the numerals in Roman numerals: 36

43. Write the numerals in Roman numerals: 71

44. Write the numerals in Roman numerals: 44

45. Write the following time in universal (or military time): $3:43 A.M.$

46. Write the following time in universal (or military time): $8:17 P.M.$

47. Write the following time in standard time: 0735

48. Write the following time in standard time:

2235