Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

SKU: 9780323809863-TEST-BANK

COMPLETION

1. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

   Solve for *x*: 2:5 = 10:*x*

   ANS: *25*

2. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

   Solve for *x*: 3:10 = 6:*x*

   ANS: 20

3. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

   There are 20 patient beds contained in each hospital unit. Using ratio:proportion, calculate how many units would there be for a hospital with a 300-bed capacity? _____ units

   ANS: 15

4. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

   Each nurse is assigned five patients for a shift. Using ratio:proportion, calculate how many nurses will be needed for 250 patients? _____ nurses

   ANS: 50

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

5. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

   If a patient needs to have three pills 4 times a day. Using ratio:proportion, calculate how many pills will be needed for a 1-week supply? _____ pills

   ANS: 84

6. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

   A hospital hires one Certified nursing assistant (can) for every 10 patients. Using ratio:proportion, calculate how many CNAs will be needed for 200 patients? _____ CNAs

   ANS: 20

7. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

   A patient has a bottle of liquid medicine that contains 60 doses of medicine. Using ratio:proportion, calculate how many days will the bottle last if the patient takes 4 doses a day? _____ days

   ANS: 15

8. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

   A hospital averages 22 admissions per day. Using ratio:proportion, calculate how many admissions does it average in a 30-day month? _____ admissions

   ANS: 600

9. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

The x-ray department schedules a chest x-ray every 15 minutes. Using ratio:proportion, calculate how many chest x-rays can be taken in 7 hours? _____ x-rays

ANS: 28

10. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    There are 50 syringes in each package. The hospital uses 50 packages a week. Using ratio:proportion, calculate how many syringes does the hospital use in a week? _____ syringes

    ANS: 2,500

11. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The emergency room budgets for 100 liters of intravenous D5W per day. Using ratio:proportion, calculate how many liters are needed for 4 weeks? _____ liters

    ANS: 2,800

12. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The hospital schedules 150 nurses per week to cover two 12-hr shifts. Using ratio:proportion, calculate how many nurses are employed each shift? _____ nurses

    ANS: 75

13. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The hospital offers up to $3,000 in tuition reimbursement; each course costs $500. Using ratio:proportion, calculate how many courses can you take? _____ courses

    ANS: 6

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

14. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    There are 3 unit coordinators for each unit. Using ratio:proportion, calculate how many unit coordinators will be employed for 12 units? _____ coordinators

    ANS: 36

15. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    If you are paid $25 per hour for overtime. Using ratio:proportion, calculate how many hours you need to work to receive $600 in overtime earnings? _____ hours

    ANS: 24

16. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The patient must drink 8 ounces of water every hour. How many ounces will be consumed in 12 hours? _____ ounces

    ANS: 96

17. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    You have to mix formula at 2 tablespoons per 8-ounce bottle. Using ratio:proportion, calculate how many tablespoons will you need to use for 6 bottles? _____ tablespoons

    ANS: 12

18. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

The top sheets from the laundry are 12 to a package. Using ratio:proportion, calculate how many packages will you need to cover 60 beds? _____ packages

ANS: 5

19. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The patient has a medication bottle with 100 capsules. Using ratio:proportion, calculate how many days will the bottle last if the patient takes 4 capsules per day? _____ days

    ANS: 25

20. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Your patient is being discharged and has to take 2 pills 3 times a day. Using ratio:proportion, calculate how many pills will be needed for a 14-day supply? _____ pills

    ANS: 84

21. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Using ratio:proportion, calculate how many syringes are there in a package of 10 dozen? There are 12 syringes in 1 dozen. _____ syringes

    ANS: 120

22. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    How many hours are there in 10 days? _____ hours

    ANS: 240

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

23. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Using ratio:proportion, calculate how many minutes are in 4.5 hours? _____ minutes

    ANS: 270

24. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    A bottle of 40 tablets costs the pharmacy $120. Using ratio:proportion, calculate how much does each tablet cost? $ _____ per tablet

    ANS: 3

25. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The hospital assigns 4 interns to every resident. There are 7 residents. Using ratio:proportion, calculate how many interns will the hospital need? _____ interns

    ANS: 28

26. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The container holds 1.5 quarts. Using ratio:proportion, calculate how many ounces does the container hold? _____ ounces

    ANS: 48

27. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

The accounting office prints 400 pages per day. Using ratio:proportion, calculate how many reams of paper should be bought to last 30 days? (Conversion factor: 500 pages = 1 ream) _____ reams

ANS: 24

28. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The patient takes 5 medications 4 times a day. Using ratio:proportion, calculate how many medications does the patient take in 1 week? _____ medications per week

    ANS: 140

29. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    There are 10 RNs on each unit per 24-hr shift. Using ratio:proportion, calculate how many RN salaries are needed for a week on a unit? _____ RN salaries

    ANS: 70

30. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The computer has 4 gigabytes (GB) of memory. Using ratio:proportion, calculate how many megabytes (MB) of memory does this equal? _____ MB

    ANS: 4,096

31. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The cardiac rehabilitation track is 1/4 mile. The patient is now completing 12 laps on the track every morning. Using ratio:proportion, calculate how many miles is the patient completing each morning? _____ miles

    ANS: 3

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

32. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The surgeon makes an incision that is 7 1/2 cm long. Using ratio:proportion, calculate what is the equivalent in inches? _____ inches

    ANS: 3

33. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The field is 300 yards long. Using ratio:proportion, calculate how many meters is it? _____ meters

    ANS: 270

34. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The medication prescription is for 60 tablets. The patient takes 4 tablets a day. Using ratio:proportion, calculate how many days will the prescription last? _____ days

    ANS: 15

35. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The patient needs to drink 8 ounces of water every hour while awake (16 hours). Using ratio:proportion, calculate how many mL of water will the patient drink? _____ mL

    ANS: 3,840

36. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

The patient is supposed to drink 8 ounces of fluid every waking hour. Using ratio:proportion, calculate how many quarts should be consumed for 12 waking hours? _____ quarts

ANS: 3

37. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The patient takes 7 oral medications per day. Using ratio:proportion, calculate how many medications does the patient take in 2 weeks? _____ medications in 2 weeks

    ANS: 98

38. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    A newborn weighs 3,500 grams. Using ratio:proportion, calculate how many kilograms does the infant weigh? _____ kg

    ANS: 3.5

39. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Using ratio:proportion, calculate how many kilometers are in 75 miles? _____ km

    ANS: 125

40. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    A child weighs 66 pounds. Using ratio:proportion, calculate how many kilograms does the child weigh? _____ kg

    ANS: 30

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

41. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Solve for *x*. 1:2 = 4:*x*

    ANS: 8

42. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Solve for *x*. 2:6 = 3:*x*

    ANS: 9

43. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Solve for *x*. 5:10 = 10:*x*

    ANS: 20

44. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Solve for *x*. 12:4 = 15:*x*

    ANS: 5

45. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Solve for *x*. *x*:5 = 5:25

    ANS: 1

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

46. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Solve for *x*. 50:10 = 100:*x*

    ANS: 20

47. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Solve for *x*. 10:60 = 5:*x*

    ANS: 30

48. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Solve for *x*. 4:1 = *x*:2

    ANS: 8

49. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Solve for *x*. 25:75 = *x*:30

    ANS: 10

50. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    Solve for *x*. 250:*x* = 2:1

    ANS: 125

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

51. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    A person exercises 3 miles per day 5 days per week on a treadmill. Using ratio:proportion, calculate how many miles does the person exercise in 20 days? _____ miles

    ANS: 60

52. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The nurse receives 1.5 vacation/sick days per month after 5 years of service. Using ratio:proportion, calculate how many vacation/sick days will the nurse receive per year? _____ days

    ANS: 18

53. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The physician's order states the patient must consume 1,500 mL of water every 24 hours. The patient is awake 12 hours per day. Using ratio:proportion, calculate how many mL of water should the patient consume each waking hour? _____ mL/h

    ANS: 125

54. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The ambulance averages 15 miles per gallon. If gasoline costs 3 dollars per gallon, using ratio:proportion, calculate the cost for driving 450 miles per week? $____ per week

    ANS: 90

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank

55. ***Directions:*** Solve the following problems. Round final answers to the nearest tenth place unless otherwise instructed. For completion questions, enter numerical answers only, do not enter unit of measurements such as mL, tab, %, etc. For answers less than 1, use a leading zero (e.g., 0.25 or 0.12). Avoid trailing zeros (e.g., use 1.25, not 1.250). Use a comma for numerical answers of 1,000 or greater.

    The patient is taking medicine to increase urinary output. The physician requested to be notified if the patient's urinary output fell below 1,500 mL per 24 hours. The patient averages an output of 50 mL per hour. Using ratio:proportion, calculate the patient's 24-hour output. _____ mL

    ANS: 1,200

Brown and Mulhollands Drug Calculations 12th edition Elmiger Test Bank