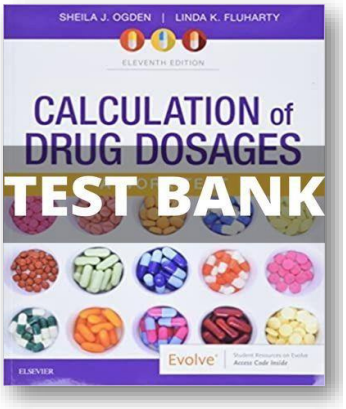
Test Bank For Calculation of Drug Dosages 11th Edition by Sheila J. Ogden, Linda Fluharty

Chapter 01: Fractions
Ogden & Fluharty: Calculation of Drug Dosages, 11th Edition

COMPLETION

Perform the indicated calculations, and reduce fractions to the lowest terms.



1. 3/10 + 3/5 + _____

   ANS: 9/10

2. 1 5/6 + 3 1/3 + _____

   ANS: 5 1/6

3. 11/12 – 1/2 = _____

   ANS: 5/12

4. 6 1/2 – 1 3/4 = _____

   ANS: 4 3/4

5. 1/3 × 3/4 = _____

   ANS: 1/4

6. 2 1/2 × 2 1/3 = _____

   ANS: 8 1/6

7. 5 1/2 × 1 1/6 = _____

   ANS: 6 5/12

8. 5/6 ÷ 1/2 = _____

   ANS: 1 3/7

9. 4 3/10 ÷ 1 3/4 = _____

   ANS: 2 16/35

10. 3 1/2 ÷ 1 1/3 = _____

    ANS: 2 5/8

Chapter 02: Decimals
Ogden & Fluharty: Calculation of Drug Dosages, 10th Edition

COMPLETION

Perform the indicated calculations.

1. 2.67 + 5.1 + 1.3 + 0.9 = _____

   ANS: 9.97

2. 1.1 + 50.6 + 30.9 + 6.75 = _____

   ANS: 89.35

3. 16.75 - 4.6 = _____

   ANS: 12.15

4. 120.005 - 95.88 = _____

   ANS: 24.125

5. 5.32 × 67.9 = _____

   ANS: 361.228

6. 44.7 × 17.13 × 60 = _____

   ANS: 45,942.66

7. 0.662 × 1000 = _____

   ANS: 662

8. 17.5 × 10 = _____

   ANS: 175

9. 4.4 ÷ 0.5 = _____

   ANS: 8.8

10. 110.5 ÷ 7.52 = _____

ANS: 14.6941489

11. 258.7 ÷ 100 = _____

ANS: 2.587

12. 354.6 ÷ 1000 = _____

ANS: 0.3546

Chapter 03: Percents
Ogden & Fluharty: Calculation of Drug Dosages, 11th Edition

COMPLETION

Insert the correct response. Reduce fractions to the lowest terms.

1. Change 7/16 to a percent. _____

   ANS: 43 3/4%

2. Change 1/4 to a percent. _____

   ANS: 25%

3. Change 0.77 to a percent. _____

   ANS: 77%

4. Change 1.57 to a percent. _____

   ANS: 157%

5. Change 44% to a proper fraction. _____

   ANS: 11/25

6. Change 16.8% to a proper fraction. _____

   ANS: 21/125

7. Change 15% to a decimal. _____

   ANS: 0.15

8. Change 67.9% to a decimal. _____

   ANS: 0.679

9. What percent of 400 is 125? _____

   ANS: 31.25%

10. What percent of 150 is 75? _____

ANS: 50%

11. What is 25% of 75? _____

ANS: 18.75

12. What is 15% of 1085.6? _____

ANS: 162.84

Chapter 04: Ratios
Ogden & Fluharty: Calculation of Drug Dosages, 11th Edition

COMPLETION

Insert the correct response. Reduce ratios and fractions to the lowest terms.

1. Change 3/8 ÷ 5/12 to a ratio. _____

   ANS: 9:10

2. Change 1/7 ÷ 4/21 to a ratio. _____

   ANS: 3:4

3. Change 0.12 to a ratio. _____

   ANS: 3:25

4. Change 1.66 to a ratio.

   ANS: 83:50

5. Change 27% to a ratio.

   ANS: 27:100

6. Change 2/7% to a ratio.

   ANS: 2:700

7. Change 25:100 to a fraction.

   ANS: 1/4

8. Change 3/10:2/5 to a fraction.

   ANS: 3/4

9. Change 7:20 to a decimal number.

   ANS: 0.35

10. Change 35:14 to a decimal number. _____

    ANS: 2.5

11. Change 44:88 to a percent. _____

    ANS: 50%

12. Change 15:75 to a percent. _____

    ANS: 20%

Chapter 05: Proportions
Ogden & Fluharty: Calculation of Drug Dosages, 11th Edition

COMPLETION

Find the value of x.

1. 30 : 600 :: *x* : 150 _____

   ANS: 7.5

2. 16 : *x* :: 45 : 15_____

   ANS: 5.3333

3. 14 : *x* :: 28 : 7 _____

   ANS: 3.5

4. 25 : 40 :: 75.5 : *x* _____

   ANS: 120.8

5. 125 : 20 :: 300 : *x* _____

   ANS: 48

6. *x* : 0.7 :: 21.21 : 3 _____

   ANS: 4.949

7. *x* : 0.54 :: 0.6 : 0.8 _____

   ANS: 0.405

8. 2/3 : *x* :: 8/9 : 12 _____

   ANS: 9

9. *x* : 1/4 :: 3/4: 32 _____

   ANS: 6

10. 33% : 66 :: *x*% : 15 _____

    ANS: 0.075

COMPLETION

Change to the designated equivalents.

1. 76 mg =_____mcg

   ANS: 76,000

2. 1.42 mg =_____mcg

   ANS: 1420

3. 150,525 mcg =_____g

   ANS: 0.150525

4. 9415 mcg = mg

   ANS: 9.415

5. 445 mg = g

   ANS: 0.445

6. 17.4 kg = g

   ANS: 17,400

7. 90 kg = lb

   ANS: 198

8. 112.2 lb = kg

   ANS: 51

9. 12.6 cm = mm

   ANS: 126

10. 3.36 cm =_____mm

    ANS: 33.6

Chapter 06: Metric and Household Measurements

ANS: 0.75

12. 2.5 L =_____mL

ANS: 2500

13. 1 mg =_____g

ANS: 0.001

14. 18 mg =_____mcg

ANS: 18,000

15. 15 mg =_____g

ANS: 0.015

16. 900 mg =_____g

ANS: 0.9

17. 1 g =_____mg

ANS: 1000

18. 1 g =_____mcg

ANS: 1,000,000

19. 3 oz =_____mL

ANS: 90

20. 1 mg =_____mcg

ANS: 1000

Chapter 07: Calculations Used in Patient Assessments Ogden & Fluharty: Calculation of Drug Dosages, 17th Edition

COMPLETION

Change to the designated equivalents.

1. 76 mg =_____mcg

   ANS: 76,000

2. 1.42 mg =_____mcg

   ANS: 1420

3. 150,525 mcg =_____g

   ANS: 0.150525

4. 9415 mcg =_____mg

   ANS: 9.415

5. 445 mg =_____g

   ANS: 0.445

6. 1 mg =_____g

   ANS: 0.001

7. 18 mg =_____mcg

   ANS: 18,000

8. 15 mg =_____g

   ANS: 0.015

9. 900 mg =_____g

   ANS: 0.9

10. 1 mg =_____mcg

    ANS: 1000

11. 1 g =_____mg

    ANS: 1000

12. 1 g =_____mcg

    ANS: 1,000,000

13. 17.4 kg =_____g

    ANS: 17,400

14. 112.2 lb =_____kg

    ANS: 51

15. 12.6 cm =_____in

    ANS: 5

16. 6 cm =_____in

    ANS: 2.4

17. 750 mL =_____L

    ANS: 0.75

18. 2.5 L =_____mL

    ANS: 2500

    Change to approximate equivalents.

19. 3 oz = _____ mL

    ANS: 90

20. 2 1/2 cups = _____ fl oz

    ANS: 20

21. 3/4 cup =_____fl oz

    ANS: 6