Calculate with Confidence 8th edition Morris Test Bank

SKU: 9780323696951-TEST-BANK

COMPLETION

1. Change the following to a decimal. Carry division three places as indicated. Do not round off.
   1/64 = _____

   ANS: 0.015

   PTS: 1

2. Change the following to a decimal. Carry division three places as indicated. Do not round off.
   5/18 = _____

   ANS: 0.277

   PTS: 1

3. Change the following decimal to a fraction. Reduce to lowest terms if indicated.
   7.025 = _____

   ANS: 7 1/40

   PTS: 1

4. Change the following decimal to a fraction. Reduce to lowest terms if indicated.
   0.0001 = _____

   ANS: 1/10,000

   PTS: 1

5. Identify the decimal with the largest value in the following set.
   0.6, 0.128 = _____

   ANS: 0.6

   PTS: 1

6. Identify the decimal with the largest value in the following set.
   0.7, 0.67, 0.86: _____

   ANS: 0.86

   PTS: 1

7. Round off the following decimal to the nearest tenth.
   3.539 = _____

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ANS: 3.5

PTS: 1

8. Round off the following decimal to the nearest thousandth.
0.6253 = _____

ANS: 0.625

PTS: 1

9. Perform the indicated operation with decimals.
64.1 – 0.009 = _____

ANS: 64.091

PTS: 1

10. Perform the indicated operation with decimals.
0.123 + 0.4 = _____

ANS: 0.523

PTS: 1

11. Perform the indicated operation with decimals.
0.46 × 0.17 = _____

ANS: 0.0782

PTS: 1

12. Divide the following decimal. Express answer to nearest hundredth.
0.1 ÷ 0.375 = _____

ANS: 0.27

PTS: 1

13. Change the following to a decimal.
1.25% = _____

ANS: 0.0125

PTS: 1

14. Indicate the largest number in the following set.
0.75, 0.749: _____

ANS: 0.75

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PTS: 1

15. Indicate the largest number in the following set.
0.001, 1.25, 1.09: _____

ANS: 1.25

PTS: 1

16. Perform the indicated operation with decimals.
0.98 + 0.76 = _____

ANS: 1.74

PTS: 1

17. Perform the indicated operation with decimals.
9.123 – 6.055 = _____

ANS: 3.068

PTS: 1

18. Perform the indicated operation with decimals.
60 ÷ 0.012 = _____

ANS: 5,000

PTS: 1

19. Perform the indicated operation with decimals.
66.66 × 3.33 = _____

ANS: 221.9778

PTS: 1

20. Change the following decimal to a fraction. Reduce to lowest terms if indicated.
0.010 = _____

ANS: 1/100

PTS: 1

21. Change the following decimal to a fraction. Reduce to lowest terms if indicated.
0.006 = _____

ANS: 3/500

PTS: 1

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22. Round off the following decimal to the nearest tenth.
0.52 = _____

ANS: 0.5

PTS: 1

23. Round off the following decimal to the nearest hundredth.
2.457 = _____

ANS: 2.46

PTS: 1

24. Round off the following decimal to the nearest tenth.
28.66 = _____

ANS: 28.7

PTS: 1

25. Round off the following decimal to the nearest tenth.
1.45 = _____

ANS: 1.5

PTS: 1

26. Round off the following decimal to the nearest thousandth.
0.3333 = _____

ANS: 0.333

PTS: 1

27. A client weighed 75.4 kilograms (kg) in February. In March the client gained 1.6 kg. In April the client gained 2.2 kg. How much did the client weigh in April? _____

ANS: 79.2 kg

PTS: 1

28. A client weighed 165.4 pounds (lb) before getting ill. After a lengthy recovery the client weighed 148.6 lb. How much weight did the client lose? _____

ANS: 16.8 lb

PTS: 1

29. A medication vial holds 7 milliliters (mL) of medication. If 1.4 mL are withdrawn from the vial, how much medication is left in the vial? ____

ANS: 5.6 mL

PTS: 1

30. A client is brought into the emergency department with a body temperature of 95.2° F. If the normal body temperature is 98.6° F, how far below normal was the client's temperature? _____6° F.

ANS: 3.4

PTS: 1

31. A client received 25.2 milligrams (mg) of medication in tablet form. Each tablet contained 4.2 mg of medication. How many tablets (tabs) were given to the client? ____

ANS: 6 tabs

PTS: 1

32. A client received 0.375 milligrams (mg) of a medication for two days, 0.125 mg for three days, and 0.0625 mg for four days. What is the total amount of medication taken? _____

ANS: 1.375 mg

PTS: 1

33. The health care provider ordered 1.5 tablets of a medication to be given to a client four times a day for 21 days. How many tablets were prescribed? _____

ANS: 126 tablets

PTS: 1

34. One dose of vaccine is 1.25 milliliters (mL). How much vaccine is needed to vaccinate 55 clients in a clinic? (Round answer to the nearest tenth.) _____

ANS: 68.8 mL

PTS: 1

35. The health care provider has ordered a 2,200 calorie (cal) diet for a client. If the calories are spread evenly among three meals, how many calories will the client be allowed to have at each meal? (Round answer to the nearest whole calorie.) _____

ANS: 733 cal

PTS: 1

36. A client's temperature was 101.2° F on Monday morning. By Monday afternoon, it was 99.4° F. By how many degrees had the client's temperature changed? _____

ANS: 1.8 degrees

PTS: 1

37. A client weighed 65.75 kilograms (kg). The client's weight increased by 2.4 kg one month and decreased by 1.75 kg the next month. What is the client's current weight in kilograms? _____

ANS: 66.4 kg

PTS: 1

38. There are 27 residents at an assisted-living facility. If there are four attendants on duty, how many residents is each attendant responsible for? (Round to the nearest whole number.) _____

ANS: 7 residents

PTS: 1

39. The prescriber ordered 45 milligrams (mg) of a medication for a client. The nurse misread the order and administered 4.5 mg of medication to the client. How much more medication should the client be given to give the dose the prescriber ordered? _____

ANS: 4.5 mg

PTS: 1

40. A client received a total of 14.5 milligrams (mg) of medication from five tablets. How many mg was in each tablet? _____

ANS: 2.9 mg

PTS: 1