Test Bank for Gray Morriss Calculate with Confidence 2nd Edition by Killian

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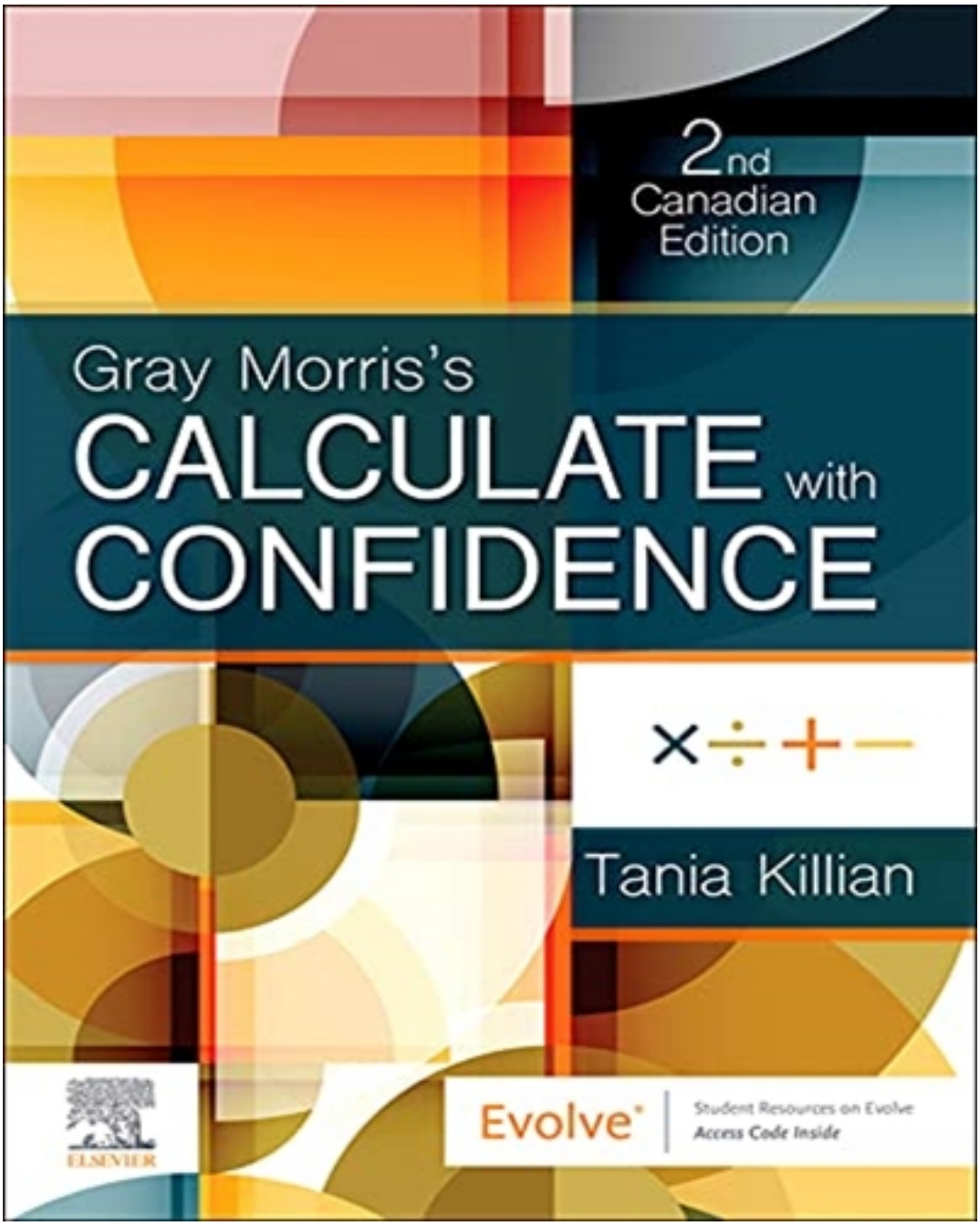

Test Bank

COMPLETION

1. Change the following to a decimal. Express the answer to the nearest thousandth, do not round; if the answer is less than 1, place a 0 to the left of the decimal.
   1/64 = _____

   ANS: 0.015

2. Change the following to a decimal. Express the answer to the nearest thousandth, do not round; if the answer is less than 1, place a 0 to the left of the decimal.
   5/18 = _____

   ANS: 0.277

3. Change the following decimal to a fraction. Reduce to the lowest terms. If the answer is a mixed number, place a space between the whole number and the fraction.
   7.025 = _____

   ANS: $7\ \frac{1}{40}$

4. Change the following decimal to a fraction. Reduce to the lowest terms. If the answer has a number greater than 999, a space is to be put after the thousands place, for example 6 000 or 30 000.
   0.0001 = _____

   ANS: 1/10 000

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

   ANS: 0.6

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

   ANS: 0.86

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

   ANS: 3.5

8. Round off the following decimal to the nearest thousandth; if the answer is less than 1, place a 0 to the left of the decimal.
   0.6253 = _____

ANS: 0.625

9. Perform the indicated operation with decimals. Express the answer to the nearest thousandth.
64.1 – 0.009 = _____

ANS: 64.091

10. Perform the indicated operation with decimals. Express the answer to the nearest thousandth; if the answer is less than 1, place a 0 to the left of the decimal.
0.123 + 0.4 = _____

ANS: 0.523

11. Perform the indicated operation with decimals. Express the answer to the nearest thousandth; if the answer is less than 1, place a 0 to the left of the decimal.
0.46 × 0.17 = _____

ANS: 0.078

12. Divide the following decimal. Express the answer to the nearest hundredth; if the answer is less than 1, place a 0 to the left of the decimal.
0.1 ÷ 0.375 = _____

ANS: 0.27

13. Change the following to a decimal. Express the answer to the nearest ten-thousandth; if the answer is less than 1, place a 0 to the left of the decimal.
1.25% = _____

ANS: 0.0125

14. Indicate the largest number in the following set. If the answer is less than 1, place a 0 to the left of the decimal.
0.75, 0.749: _____

ANS: 0.75

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

ANS: 1.25

16. Perform the indicated operation with decimals. Express the answer to the nearest hundredth.
0.98 + 0.76 = _____

ANS: 1.74

17. Perform the indicated operation with decimals. Express the answer to the nearest thousandth.
9.123 – 6.055 = _____

ANS: 3.068

18. Perform the indicated operation with decimals. If the answer has a number greater than 999, a space is to be put after the thousands place, for example 6 000 or 30 000.
60 ÷ 0.012 = _____

ANS: 5 000

19. Perform the indicated operation with decimals. Express the answer to the nearest thousandth.
66.66 × 3.33 = _____

ANS: 221.978

20. Change the following decimal to a fraction. Reduce the result to its lowest terms.
0.010 = _____

ANS: 1/100

21. Change the following decimal to a fraction. Reduce the result to its lowest terms.
0.006 = _____

ANS: 3/500

22. Round off the following decimal to the nearest tenth. If the answer less than 1, place a 0 to the left of the decimal.
0.52 = _____

ANS: 0.5

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

ANS: 2.46

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

ANS: 28.7

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

ANS: 1.5

26. Round off the following decimal to the nearest thousandth. If the answer is less than 1, place a 0 to the left of the decimal.
0.3333 = _____

ANS: 0.333

27. A patient weighed 75.4 kilograms (kg) in February. In March the patient gained 1.6 kg. In April the patient gained 2.2 kg. How much did the patient weigh in April? Express the answer to the nearest tenth. _____ kg

    ANS: 79.2

28. A patient weighed 55.4 kilograms (kg) before getting ill. After a lengthy recovery, the patient weighed 49.7 kg. How many kilograms did the patient lose? Express the answer to the nearest tenth. _____ kg

    ANS: 5.7

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

    ANS: 5.6

30. A patient is brought into the emergency department with a body temperature of 35.6°C. If the normal body temperature is 37°C, how many degrees Celsius below normal is the patient's temperature? Express answer to the nearest tenth. _____°C

    ANS: 1.4

31. A patient 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 patient? ____ tablet(s)

    ANS: 6

32. A patient received 0.375 mg of a medication for 2 days, 0.125 mg for 3 days, and 0.0625 mg for 4 days. What is the total mg of medication taken? Express the answer to the nearest thousandth. _____ mg

    ANS: 1.375

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

    ANS: 126

34. One dose of vaccine is 1.25 mL. How many mL of vaccine is needed to vaccinate 55 patients in a clinic? Express the answer to the nearest tenth. _____ mL

    ANS: 68.8

35. The health care provider has ordered a 2 200-calorie (cal) diet for a patient. If the calories are spread evenly among three meals, how many calories will the patient be allowed to have at each meal? Express the answer as a whole number; do NOT include a decimal. _____ cal

    ANS: 733