Calculate with Confidence (Canadian) 1st edition Morris Test Bank

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COMPLETION

1. Reduce the following fraction to its lowest terms.
   54/81 = _____

   ANS: 2/3

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2. Reduce the following fraction to its lowest terms.
   105/135 = _____

   ANS: 7/9

   PTS: 1 REF: Page 10

3. Reduce the following fraction to its lowest terms.
   39/65 = _____

   ANS: 3/5

   PTS: 1 REF: Page 10

4. Change the following improper fraction to a whole or mixed number. If the answer is a mixed number, put a space between the whole number and the fraction.
   325/16 = _____

   ANS: 20 5/16

   PTS: 1 REF: Page 8

5. Change the following improper fraction to a whole or mixed number. If the answer is a mixed number, put a space between the whole number and the fraction.
   1,500/100 = _____

   ANS: 15

   PTS: 1 REF: Page 8

6. Change the following improper fraction to a whole or mixed number. If the answer is a mixed number, put a space between the whole number and the fraction.
   193/62 = _____

   ANS: 3 7/62

   PTS: 1 REF: Page 8

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7. Change the following mixed number to an improper fraction.
   12 1/8 = _____

   ANS: 97/8

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8. Change the following mixed number to an improper fraction.
   29 2/3 = _____

   ANS: 89/3

   PTS: 1 REF: Page 8

9. Perform the indicated operation and reduce the result to its lowest terms.
   1/12 + 6/12 + 5/12 = ____

   ANS: 1

   PTS: 1 REF: Page 11

10. Perform the indicated operation and reduce the result to its lowest terms.
    3/8 –1/3 = _____

    ANS: 1/24

    PTS: 1 REF: Page 12

11. Perform the indicated operation and reduce the result to its lowest terms.
    4/5 × 5/16 = _____

    ANS: 1/4

    PTS: 1 REF: Page 14

12. Perform the indicated operation and reduce the result to its lowest terms.
    1/12 × 1/15 = _____

    ANS: 1/180

    PTS: 1 REF: Page 14

13. Perform the indicated operation and reduce the result to its lowest terms.
    3/5 ÷ 5 = _____

    ANS: 3/25

    PTS: 1 REF: Page 15

14. Perform the indicated operation and reduce the result to its lowest terms.
    1/100 ÷ 1/200 = _____

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ANS: 2

PTS: 1 REF: Page 15

15. Indicate which fraction is the largest.
1/100, 1/150, 1/200: _____

ANS: 1/100

PTS: 1 REF: Page 8

16. Arrange the following fractions from smallest to largest. After each fraction place a comma followed by a space.
1/6, 1/5, 1/8, 1/4, 1/3: _____

ANS: 1/8, 1/6, 1/5, 1/4, 1/3

PTS: 1 REF: Page 8

17. Perform the indicated operation with fractions. Reduce each to its lowest terms.
1/5 + 1/2 + 1/4 = _____

ANS: 19/20

PTS: 1 REF: Page 11

18. Perform the indicated operation with fractions. Reduce each to its lowest terms. If the answer is a mixed number, put a space between the whole number and the fraction.
16 5/6 - 14 3/8 = _____

ANS: 2 11/24

PTS: 1 REF: Page 13

19. Perform the indicated operation with fractions. Reduce each to its lowest terms. If the answer is a mixed number, put a space between the whole number and the fraction.
6 10/12 × 15/3 = _____

ANS: 34 1/6

PTS: 1 REF: Page 15

20. Perform the indicated operation with fractions. Reduce each to its lowest terms. If the answer is a mixed number, put a space between the whole number and the fraction.
56 ÷ 9/20 = _____

ANS: 124 4/9

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21. Indicate the largest number in the following set.
5/6, 5/8: _____

ANS: 5/6

PTS: 1 REF: Page 8

22. Indicate the largest number in the following set.
1/30, 1/4, 1/150: _____

ANS: 1/4

PTS: 1 REF: Page 8

23. Reduce the following fraction to its lowest terms.
34/102 = _____

ANS: 1/3

PTS: 1 REF: Page 10

24. Reduce the following fraction to its lowest terms.
60/1200 = _____

ANS: 1/20

PTS: 1 REF: Page 10

25. Express the following improper fraction as a mixed number. Reduce it to its lowest terms. With a mixed number, put a space between the whole number and the fraction.
24/18 = _____

ANS: 1 1/3

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26. Express the following improper fraction as a mixed number. Reduce it to its lowest terms. With a mixed number, put a space between the whole number and the fraction.
15/13 = _____

ANS: 1 2/13

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27. Change the following mixed number to an improper fraction.
9 1/9 = _____

ANS: 82/9

PTS: 1 REF: Page 8

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28. Change the following mixed number to an improper fraction.
6 7/10 = _____

ANS: 67/10

PTS: 1 REF: Page 8

29. Perform the indicated operation with fractions. Reduce each to its lowest terms. If the answer is a mixed number, put a space between the whole number and the fraction.
6 5/16 + 5 3/16 = _____

ANS: 11 1/2

PTS: 1 REF: Page 12

30. Perform the indicated operation with fractions. Reduce each to its lowest terms. If the answer is a mixed number, put a space between the whole number and the fraction.
4 3/10 + 2 2/10 = _____

ANS: 6 1/2

PTS: 1 REF: Page 12

31. Perform the indicated operation with fractions. Reduce each to its lowest terms. If the answer is a mixed number, put a space between the whole number and the fraction.
3 1/5 + 3 2/3 + 2 1/2 = _____

ANS: 9 11/30

PTS: 1 REF: Page 12

32. Perform the indicated operation with fractions. Reduce each to its lowest terms. If the answer is a mixed number, put a space between the whole number and the fraction.
1 2/4 + 3 1/3 = _____

ANS: 4 5/6

PTS: 1 REF: Page 12

33. Perform the indicated operation with fractions. Reduce the result to its lowest terms.
15/21 – 10/21 = _____

ANS: 5/21

PTS: 1 REF: Page 12

34. Perform the indicated operation with fractions. Reduce the result to its lowest terms.
8/16 – 1/4 = _____

ANS: 1/4

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35. Perform the indicated operation with fractions. Reduce the result to its lowest terms. If the answer is a mixed number, put a space between the whole number and the fraction.
14 – 5/9 = _____

ANS: 13 4/9

PTS: 1 REF: Page 14

36. Perform the indicated operation with fractions. Reduce the result to its lowest terms. If the answer is a mixed number, put a space between the whole number and the fraction.
6 1/4 – 2 5/8 = _____

ANS: 3 5/8

PTS: 1 REF: Page 14

37. Perform the indicated operation with fractions. Reduce the result to its lowest terms. If the answer is a mixed number, put a space between the whole number and the fraction.
5 1/3 – 1 7/12 = _____

ANS: 3 3/4

PTS: 1 REF: Page 14

38. A patient received 2 1/2 pills at breakfast and 2 1/3 pills at lunch. How many pills has the patient received? If the answer is a mixed number, put a space between the whole number and the fraction. _____ pills

ANS: 4 5/6

PTS: 1 REF: Page 12

39. A patient who weighed 51 1/2 kilograms (kg) lost 2 3/4 kg due to illness. How many kilograms does the patient now weigh? If the answer is a mixed number, put a space between the whole number and the fraction. ____ kg

ANS: 48 3/4

PTS: 1 REF: Page 12

40. A patient drank 1/2 of a 1-litre can of seltzer water. How many millilitres (mL) of seltzer water did the patient drink? _____ mL

ANS: 500

PTS: 1 REF: Page 14

41. A patient is supposed to drink a 300-millilitre (mL) bottle of magnesium citrate before an X-ray study. The patient was able to drink 120 mL. How much of the magnesium citrate remains? Express the answer as a fraction reduced to its lowest terms. _____ mL

ANS: 2/5

PTS: 1 REF: Page 10

42. The nurse is instructed to give a patient 2/3 of a 240-millilitre (mL) cup of solution. How many mL should the nurse administer? _____ mL

ANS: 160

PTS: 1 REF: Page 14