# SSC GD Constable Exam: Decimals MCQ

**Instructions**:
- This practice set contains 100 multiple-choice questions (MCQs) on Decimals, designed for SSC GD preparation.
- Questions are divided into: 20% Low (Q1–20), 60% Medium (Q21–80), and 20% High (Q81–100) difficulty levels.
- Each question carries 2 marks. There is a negative marking of 0.50 marks for each incorrect answer, as per the latest SSC GD exam pattern.
- Questions cover key topics from the SSC GD Mathematics syllabus, including addition, subtraction, multiplication, division, conversion, and comparison of decimals.
- Answers are provided with concise explanations for clarity.

## Section 1: Low Difficulty - Basic Decimal Operations and Conversions (Questions 1–20)

1. What is 0.4 + 0.3?
  A) 0.6
  B) 0.7
  C) 0.8
  D) 0.9
  Answer: B
  Explanation: Add: 0.4 + 0.3 = 0.7. Align decimals and add tenths: 4 + 3 = 7, so 0.7.

2. Subtract: 0.9 - 0.2
  A) 0.6
  B) 0.7
  C) 0.8
  D) 0.5
  Answer: B
  Explanation: Subtract: 0.9 - 0.2 = 0.7. Tenths: 9 - 2 = 7, so 0.7.

3. Multiply: 0.5 × 2
   A) 1.0
   B) 0.9
   C) 1.1
   D) 1.2
   Answer: A
   Explanation: Multiply: 0.5 × 2 = 1.0. Alternatively, 5 × 2 = 10, adjust for 1 decimal place: 10 ÷ 10 = 1.0.

4. Divide: 0.8 ÷ 4
   A) 0.2
   B) 0.3
   C) 0.4
   D) 0.5
   Answer: A
   Explanation: Divide: 0.8 ÷ 4 = 0.2 (8 ÷ 4 = 2, adjust for 1 decimal place: 2 ÷ 10 = 0.2).

5. Convert 0.75 to a fraction:
   A) 3/4
   B) 1/2
   C) 2/3
   D) 1/4
   Answer: A
   Explanation: 0.75 = 75/100. Simplify by dividing by 25: 75 ÷ 25 / 100 ÷ 25 = 3/4.

6. What is 1.2 + 0.6?
   A) 1.6
   B) 1.7
   C) 1.8
   D) 1.9
   Answer: C
   Explanation: Add: 1.2 + 0.6 = 1.8. Units: 1 + 0 = 1, tenths: 2 + 6 = 8, so 1.8.

7. Subtract: 1.5 - 0.7
   A) 0.7
   B) 0.8
   C) 0.9
   D) 1.0
   Answer: B
   Explanation: Subtract: 1.5 - 0.7 = 0.8. Tenths: 5 - 7 (borrow 1, 15 - 7 = 8), so 0.8.

8. Multiply: 0.3 × 3
   A) 0.9
   B) 0.8
   C) 0.7
   D) 0.6
   Answer: A
   Explanation: Multiply: 0.3 × 3 = 0.9. Alternatively, 3 × 3 = 9, adjust for 1 decimal place: 9 ÷ 10 = 0.9.

9. Divide: 1.6 ÷ 2
   A) 0.7
   B) 0.8
   C) 0.9
   D) 1.0
   Answer: B
   Explanation: Divide: 1.6 ÷ 2 = 0.8 (16 ÷ 2 = 8, adjust for 1 decimal place: 8 ÷ 10 = 0.8).

10. Convert 0.25 to a fraction:
   A) 1/2
   B) 1/4
   C) 1/3
   D) 1/5
   Answer: B

Explanation: 0.25 = 25/100. Simplify by dividing by 25: 25 ÷ 25 / 100 ÷ 25 = 1/4.

11. What is 0.8 + 0.9?
   A) 1.6
   B) 1.7
   C) 1.8
   D) 1.9
   Answer: B
   Explanation: Add: 0.8 + 0.9 = 1.7. Tenths: 8 + 9 = 17, so 1.7.

12. Subtract: 2.0 - 0.4
   A) 1.4
   B) 1.5
   C) 1.6
   D) 1.7
   Answer: C
   Explanation: Subtract: 2.0 - 0.4 = 1.6. Units: 2 - 0 = 2, tenths: 0 - 4 (borrow 1, 10 - 4 = 6), so 1.6.

13. Multiply: 0.6 × 2
   A) 1.1
   B) 1.2
   C) 1.3
   D) 1.4
   Answer: B
   Explanation: Multiply: 0.6 × 2 = 1.2. Alternatively, 6 × 2 = 12, adjust for 1 decimal place: 12 ÷ 10 = 1.2.

14. Divide: 0.9 ÷ 3
   A) 0.2
   B) 0.3
   C) 0.4
   D) 0.5
   Answer: B

Explanation: Divide: 0.9 ÷ 3 = 0.3 (9 ÷ 3 = 3, adjust for 1 decimal place: 3 ÷ 10 = 0.3).

15. Convert 0.5 to a fraction:
   A) 1/2
   B) 1/3
   C) 1/4
   D) 1/5
   Answer: A
   Explanation: 0.5 = 5/10. Simplify by dividing by 5: 5 ÷ 5 / 10 ÷ 5 = 1/2.

16. What is 1.1 + 0.5?
   A) 1.5
   B) 1.6
   C) 1.7
   D) 1.8
   Answer: B
   Explanation: Add: 1.1 + 0.5 = 1.6. Units: 1 + 0 = 1, tenths: 1 + 5 = 6, so 1.6.

17. Subtract: 1.8 - 0.9
   A) 0.8
   B) 0.9
   C) 1.0
   D) 1.1
   Answer: B
   Explanation: Subtract: 1.8 - 0.9 = 0.9. Tenths: 8 - 9 (borrow 1, 18 - 9 = 9), so 0.9.

18. Multiply: 0.4 × 4
   A) 1.4
   B) 1.5
   C) 1.6
   D) 1.7
   Answer: C

Explanation: Multiply: 0.4 × 4 = 1.6. Alternatively, 4 × 4 = 16, adjust for 1 decimal place: 16 ÷ 10 = 1.6.

19. Divide: 1.2 ÷ 4
    A) 0.2
    B) 0.3
    C) 0.4
    D) 0.5
    Answer: B
    Explanation: Divide: 1.2 ÷ 4 = 0.3 (12 ÷ 4 = 3, adjust for 1 decimal place: 3 ÷ 10 = 0.3).

20. Convert 0.2 to a fraction:
    A) 1/5
    B) 1/4
    C) 1/3
    D) 1/2
    Answer: A
    Explanation: 0.2 = 2/10. Simplify by dividing by 2: 2 ÷ 2 / 10 ÷ 2 = 1/5.

## Section 2: Medium Difficulty - Multi-Step Operations and Applications (Questions 21–80)

21. What is 3.45 + 2.78?
    A) 6.23
    B) 6.13
    C) 6.33
    D) 6.43
    Answer: A
    Explanation: Add: 3.45 + 2.78 = 6.23. Units: 3 + 2 = 5, decimals: 0.45 + 0.78 = 1.23 (tenths: 4 + 7 = 11, hundredths: 5 + 8 = 13).

22. Subtract: 7.89 - 4.56
    A) 3.23
    B) 3.33

C) 3.43
D) 3.53
Answer: B
Explanation: Subtract: 7.89 - 4.56 = 3.33. Units: 7 - 4 = 3, decimals: 0.89 - 0.56 = 0.33 (tenths: 8 - 5 = 3, hundredths: 9 - 6 = 3).

23. Multiply: 2.3 × 1.5
    A) 3.45
    B) 3.55
    C) 3.65
    D) 3.75
    Answer: A
    Explanation: Multiply: 23 × 15 = 345, adjust for 1 decimal place each: 345 ÷ 10² = 3.45.

24. Divide: 7.28 ÷ 4
    A) 1.82
    B) 1.81
    C) 1.83
    D) 1.84
    Answer: A
    Explanation: Divide: 7.28 ÷ 4 = 1.82 (7.28 ÷ 4 = 1.82, as 1.82 × 4 = 7.28).

25. A shop sells an item for ₹3.45. If 5 items are sold, what is the total revenue?
    A) 17.15
    B) 17.25
    C) 17.35
    D) 17.45
    Answer: B
    Explanation: Multiply: 3.45 × 5 = 17.25 (345 × 5 = 1,725, adjust for 2 decimal places: 1,725 ÷ 100 = 17.25).

26. Subtract: 10.00 - 5.67

A) 4.23
B) 4.33
C) 4.43
D) 4.53
Answer: B
Explanation: Subtract: 10.00 - 5.67 = 4.33. Units: 10 - 5 = 5, decimals: 0.00 - 0.67 (borrow 1, 1.00 - 0.67 = 0.33).

27. Multiply: 1.9 × 1.2
A) 2.18
B) 2.28
C) 2.38
D) 2.48
Answer: B
Explanation: Multiply: 19 × 12 = 228, adjust for 1 decimal place each: $228 \div 10^2 = 2.28$.

28. Divide: 5.40 ÷ 5
A) 1.06
B) 1.07
C) 1.08
D) 1.09
Answer: C
Explanation: Divide: 5.40 ÷ 5 = 1.08 (5.40 ÷ 5 = 1.08, as 1.08 × 5 = 5.40).

29. What is 2.34 + 5.67 + 0.89?
A) 8.80
B) 8.90
C) 9.00
D) 9.10
Answer: B
Explanation: Add: 2.34 + 5.67 = 8.01; 8.01 + 0.89 = 8.90. Decimals: 0.34 + 0.67 + 0.89 = 1.90.

30. A customer buys 3 items at ₹2.75 each. What is the total cost?
   A) 8.15
   B) 8.25
   C) 8.35
   D) 8.45
   Answer: B
   Explanation: Multiply: 2.75 × 3 = 8.25 (275 × 3 = 825, adjust for 2 decimal places: 825 ÷ 100 = 8.25).

31. Subtract: 8.76 - 3.49
   A) 5.27
   B) 5.17
   C) 5.37
   D) 5.47
   Answer: A
   Explanation: Subtract: 8.76 - 3.49 = 5.27. Units: 8 - 3 = 5, decimals: 0.76 - 0.49 = 0.27.

32. Multiply: 3.6 × 1.4
   A) 4.94
   B) 5.04
   C) 5.14
   D) 5.24
   Answer: B
   Explanation: Multiply: 36 × 14 = 504, adjust for 1 decimal place each: 504 ÷ 10² = 5.04.

33. Divide: 6.72 ÷ 4
   A) 1.68
   B) 1.69
   C) 1.70
   D) 1.71
   Answer: A
   Explanation: Divide: 6.72 ÷ 4 = 1.68 (6.72 ÷ 4 = 1.68, as 1.68 × 4 = 6.72).

34. Convert 7/8 to a decimal:
   A) 0.875
   B) 0.785
   C) 0.825
   D) 0.915
   Answer: A
   Explanation: Divide: 7 ÷ 8 = 0.875 (7.000 ÷ 8 = 0.8 + 0.07 + 0.005 = 0.875).

35. What is 0.45 + 0.78 + 1.23?
   A) 2.36
   B) 2.46
   C) 2.56
   D) 2.66
   Answer: B
   Explanation: Add: 0.45 + 0.78 = 1.23; 1.23 + 1.23 = 2.46. Decimals: 0.45 + 0.78 + 1.23 = 2.46.

36. A shop sells 4 items at ₹1.25 each. What is the total cost?
   A) 5.00
   B) 5.10
   C) 5.20
   D) 5.30
   Answer: A
   Explanation: Multiply: 1.25 × 4 = 5.00 (125 × 4 = 500, adjust for 2 decimal places: 500 ÷ 100 = 5.00).

37. Subtract: 9.87 - 6.54
   A) 3.23
   B) 3.33
   C) 3.43
   D) 3.53
   Answer: B

Explanation: Subtract: 9.87 - 6.54 = 3.33. Units: 9 - 6 = 3, decimals: 0.87 - 0.54 = 0.33.

38. Multiply: 2.5 × 2.4
   A) 5.8
   B) 5.9
   C) 6.0
   D) 6.1
   Answer: C
   Explanation: Multiply: 25 × 24 = 600, adjust for 1 decimal place each: 600 ÷ 10² = 6.0.

39. Divide: 8.96 ÷ 7
   A) 1.27
   B) 1.28
   C) 1.29
   D) 1.30
   Answer: B
   Explanation: Divide: 8.96 ÷ 7 ≈ 1.28 (8.96 ÷ 7 = 1.28, as 1.28 × 7 = 8.96).

40. Convert 5/4 to a decimal:
   A) 1.25
   B) 1.5
   C) 1.75
   D) 2.0
   Answer: A
   Explanation: Divide: 5 ÷ 4 = 1.25 (5.00 ÷ 4 = 1.2 + 0.05 = 1.25).

41. What is 12.34 + 5.67?
   A) 17.91
   B) 18.01
   C) 18.11
   D) 18.21
   Answer: B

Explanation: Add: 12.34 + 5.67 = 18.01. Units: 12 + 5 = 17, decimals: 0.34 + 0.67 = 1.01.

42. Subtract: 15.00 - 7.89
   A) 7.01
   B) 7.11
   C) 7.21
   D) 7.31
   Answer: B
   Explanation: Subtract: 15.00 - 7.89 = 7.11. Units: 15 - 7 = 8, decimals: 0.00 - 0.89 (borrow 1, 1.00 - 0.89 = 0.11).

43. Multiply: 4.2 × 1.5
   A) 6.15
   B) 6.25
   C) 6.30
   D) 6.40
   Answer: C
   Explanation: Multiply: 42 × 15 = 630, adjust for 1 decimal place each: $630 \div 10^2 = 6.30$.

44. Divide: 10.08 ÷ 6
   A) 1.66
   B) 1.67
   C) 1.68
   D) 1.69
   Answer: C
   Explanation: Divide: 10.08 ÷ 6 = 1.68 (10.08 ÷ 6 = 1.68, as 1.68 × 6 = 10.08).

45. A shop sells 6 items at ₹2.45 each. What is the total cost?
   A) 14.60
   B) 14.70
   C) 14.80
   D) 14.90

Answer: B

Explanation: Multiply: 2.45 × 6 = 14.70 (245 × 6 = 1,470, adjust for 2 decimal places: 1,470 ÷ 100 = 14.70).

46. What is 0.56 + 0.89 + 2.34?
    A) 3.69
    B) 3.79
    C) 3.89
    D) 3.99
    Answer: B
    Explanation: Add: 0.56 + 0.89 = 1.45; 1.45 + 2.34 = 3.79. Decimals: 0.56 + 0.89 + 2.34 = 3.79.

47. Subtract: 6.78 - 2.45
    A) 4.23
    B) 4.33
    C) 4.43
    D) 4.53
    Answer: B
    Explanation: Subtract: 6.78 - 2.45 = 4.33. Units: 6 - 2 = 4, decimals: 0.78 - 0.45 = 0.33.

48. Multiply: 3.2 × 1.8
    A) 5.66
    B) 5.76
    C) 5.86
    D) 5.96
    Answer: B
    Explanation: Multiply: 32 × 18 = 576, adjust for 1 decimal place each: 576 ÷ 10² = 5.76.

49. Divide: 7.56 ÷ 3
    A) 2.51
    B) 2.52
    C) 2.53

D) 2.54
Answer: B
Explanation: Divide: 7.56 ÷ 3 = 2.52 (7.56 ÷ 3 = 2.52, as 2.52 × 3 = 7.56).

50. Convert 3/5 to a decimal:
    A) 0.4
    B) 0.5
    C) 0.6
    D) 0.7
    Answer: C
    Explanation: Divide: 3 ÷ 5 = 0.6 (3.0 ÷ 5 = 0.6).

51. What is 8.91 + 3.45?
    A) 12.26
    B) 12.36
    C) 12.46
    D) 12.56
    Answer: B
    Explanation: Add: 8.91 + 3.45 = 12.36. Units: 8 + 3 = 11, decimals: 0.91 + 0.45 = 1.36.

52. Subtract: 20.00 - 12.67
    A) 7.23
    B) 7.33
    C) 7.43
    D) 7.53
    Answer: B
    Explanation: Subtract: 20.00 - 12.67 = 7.33. Units: 20 - 12 = 8, decimals: 0.00 - 0.67 (borrow 1, 1.00 - 0.67 = 0.33).

53. Multiply: 2.7 × 2.3
    A) 6.11
    B) 6.21
    C) 6.31

D) 6.41

Answer: B

Explanation: Multiply: 27 × 23 = 621, adjust for 1 decimal place each: 621 ÷ 10² = 6.21.

54. Divide: 9.45 ÷ 5

   A) 1.88
   B) 1.89
   C) 1.90
   D) 1.91

   Answer: B

   Explanation: Divide: 9.45 ÷ 5 = 1.89 (9.45 ÷ 5 = 1.89, as 1.89 × 5 = 9.45).

55. A shop sells 8 items at ₹1.75 each. What is the total cost?

   A) 13.90
   B) 14.00
   C) 14.10
   D) 14.20

   Answer: B

   Explanation: Multiply: 1.75 × 8 = 14.00 (175 × 8 = 1,400, adjust for 2 decimal places: 1,400 ÷ 100 = 14.00).

56. What is 4.23 + 2.89 + 1.45?

   A) 8.47
   B) 8.57
   C) 8.67
   D) 8.77

   Answer: B

   Explanation: Add: 4.23 + 2.89 = 7.12; 7.12 + 1.45 = 8.57. Decimals: 0.23 + 0.89 + 0.45 = 1.57.

57. Subtract: 11.23 - 5.67

   A) 5.46
   B) 5.56

C) 5.66
D) 5.76
Answer: B
Explanation: Subtract: 11.23 - 5.67 = 5.56. Units: 11 - 5 = 6, decimals: 0.23 - 0.67 (borrow 1, 1.23 - 0.67 = 0.56).

58. Multiply: 3.5 × 2.2
   A) 7.6
   B) 7.7
   C) 7.8
   D) 7.9
   Answer: B
   Explanation: Multiply: 35 × 22 = 770, adjust for 1 decimal place each: 770 ÷ 10² = 7.7.

59. Divide: 12.96 ÷ 6
   A) 2.15
   B) 2.16
   C) 2.17
   D) 2.18
   Answer: B
   Explanation: Divide: 12.96 ÷ 6 = 2.16 (12.96 ÷ 6 = 2.16, as 2.16 × 6 = 12.96).

60. Convert 4/5 to a decimal:
   A) 0.6
   B) 0.7
   C) 0.8
   D) 0.9
   Answer: C
   Explanation: Divide: 4 ÷ 5 = 0.8 (4.0 ÷ 5 = 0.8).

61. A shop sells 10 items at ₹2.15 each. What is the total cost?
   A) 21.40
   B) 21.50

C) 21.60
D) 21.70
Answer: B
Explanation: Multiply: 2.15 × 10 = 21.50 (215 × 10 = 2,150, adjust for 2 decimal places: 2,150 ÷ 100 = 21.50).

62. What is 7.12 + 3.89?
   A) 10.91
   B) 11.01
   C) 11.11
   D) 11.21
   Answer: B
   Explanation: Add: 7.12 + 3.89 = 11.01. Units: 7 + 3 = 10, decimals: 0.12 + 0.89 = 1.01.

63. Subtract: 14.56 - 8.23
   A) 6.23
   B) 6.33
   C) 6.43
   D) 6.53
   Answer: B
   Explanation: Subtract: 14.56 - 8.23 = 6.33. Units: 14 - 8 = 6, decimals: 0.56 - 0.23 = 0.33.

64. Multiply: 2.8 × 1.9
   A) 5.22
   B) 5.32
   C) 5.42
   D) 5.52
   Answer: B
   Explanation: Multiply: 28 × 19 = 532, adjust for 1 decimal place each: 532 ÷ 10² = 5.32.

65. Divide: 11.25 ÷ 5
   A) 2.24

B) 2.25
C) 2.26
D) 2.27
Answer: B
Explanation: Divide: 11.25 ÷ 5 = 2.25 (11.25 ÷ 5 = 2.25, as 2.25 × 5 = 11.25).

66. What is 5.67 + 2.34 + 1.89?
   A) 9.80
   B) 9.90
   C) 10.00
   D) 10.10
   Answer: B
   Explanation: Add: 5.67 + 2.34 = 8.01; 8.01 + 1.89 = 9.90. Decimals: 0.67 + 0.34 + 0.89 = 1.90.

67. Subtract: 18.90 - 12.45
   A) 6.35
   B) 6.45
   C) 6.55
   D) 6.65
   Answer: B
   Explanation: Subtract: 18.90 - 12.45 = 6.45. Units: 18 - 12 = 6, decimals: 0.90 - 0.45 = 0.45.

68. Multiply: 4.5 × 1.6
   A) 7.1
   B) 7.2
   C) 7.3
   D) 7.4
   Answer: B
   Explanation: Multiply: 45 × 16 = 720, adjust for 1 decimal place each: 720 ÷ 10² = 7.2.

69. Divide: 8.64 ÷ 4

A) 2.15
B) 2.16
C) 2.17
D) 2.18
Answer: B
Explanation: Divide: 8.64 ÷ 4 = 2.16 (8.64 ÷ 4 = 2.16, as 2.16 × 4 = 8.64).

70. Convert 2/3 to a decimal:
   A) 0.666
   B) 0.667
   C) 0.668
   D) 0.669
   Answer: B
   Explanation: Divide: 2 ÷ 3 = 0.666... ≈ 0.667 (rounded to 3 decimal places).

71. A shop sells 12 items at ₹1.95 each. What is the total cost?
   A) 23.30
   B) 23.40
   C) 23.50
   D) 23.60
   Answer: B
   Explanation: Multiply: 1.95 × 12 = 23.40 (195 × 12 = 2,340, adjust for 2 decimal places: 2,340 ÷ 100 = 23.40).

72. What is 6.78 + 4.56?
   A) 11.24
   B) 11.34
   C) 11.44
   D) 11.54
   Answer: B
   Explanation: Add: 6.78 + 4.56 = 11.34. Units: 6 + 4 = 10, decimals: 0.78 + 0.56 = 1.34.

73. Subtract: 16.78 - 9.45
   A) 7.23
   B) 7.33
   C) 7.43
   D) 7.53
   Answer: B
   Explanation: Subtract: 16.78 - 9.45 = 7.33. Units: 16 - 9 = 7, decimals: 0.78 - 0.45 = 0.33.

74. Multiply: 3.4 × 2.5
   A) 8.4
   B) 8.5
   C) 8.6
   D) 8.7
   Answer: B
   Explanation: Multiply: 34 × 25 = 850, adjust for 1 decimal place each: $850 ÷ 10^2 = 8.5$.

75. Divide: 14.40 ÷ 6
   A) 2.39
   B) 2.40
   C) 2.41
   D) 2.42
   Answer: B
   Explanation: Divide: 14.40 ÷ 6 = 2.40 (14.40 ÷ 6 = 2.40, as 2.40 × 6 = 14.40).

76. What is 9.12 + 3.89 + 2.45?
   A) 15.36
   B) 15.46
   C) 15.56
   D) 15.66
   Answer: B
   Explanation: Add: 9.12 + 3.89 = 13.01; 13.01 + 2.45 = 15.46. Decimals: 0.12 + 0.89 + 0.45 = 1.46.

77. Subtract: 22.34 - 15.67
   A) 6.57
   B) 6.67
   C) 6.77
   D) 6.87
   Answer: B
   Explanation: Subtract: 22.34 - 15.67 = 6.67. Units: 22 - 15 = 7, decimals: 0.34 - 0.67 (borrow 1, 1.34 - 0.67 = 0.67).

78. Multiply: 2.9 × 2.7
   A) 7.73
   B) 7.83
   C) 7.93
   D) 8.03
   Answer: B
   Explanation: Multiply: 29 × 27 = 783, adjust for 1 decimal place each: $783 \div 10^2 = 7.83$.

79. Divide: 10.80 ÷ 5
   A) 2.15
   B) 2.16
   C) 2.17
   D) 2.18
   Answer: B
   Explanation: Divide: 10.80 ÷ 5 = 2.16 (10.80 ÷ 5 = 2.16, as 2.16 × 5 = 10.80).

80. A shop sells 15 items at ₹1.65 each. What is the total cost?
   A) 24.65
   B) 24.75
   C) 24.85
   D) 24.95
   Answer: B

Explanation: Multiply: 1.65 × 15 = 24.75 (165 × 15 = 2,475, adjust for 2 decimal places: 2,475 ÷ 100 = 24.75).

## Section 3: High Difficulty - Complex Multi-Step Problems (Questions 81–100)

81. A shop sells 25 items at ₹3.45 each and 15 items at ₹2.75 each. What is the total revenue?
   A) 127.50
   B) 128.50
   C) 129.50
   D) 130.50
   Answer: A
   Explanation: Revenue from 25 items: 3.45 × 25 = 86.25. Revenue from 15 items: 2.75 × 15 = 41.25. Total: 86.25 + 41.25 = 127.50.

82. A number when multiplied by 1.5 and then increased by 2.25 gives 6.75. What is the number?
   A) 3.0
   B) 3.1
   C) 3.2
   D) 3.3
   Answer: A
   Explanation: Let the number be x. Then, 1.5x + 2.25 = 6.75, so 1.5x = 4.5, x = 4.5 ÷ 1.5 = 3.0. Check: 1.5 × 3.0 + 2.25 = 4.5 + 2.25 = 6.75.

83. A total of 12.96 kg of rice is packed into bags, each containing 0.54 kg. How many bags are needed?
   A) 23
   B) 24
   C) 25
   D) 26
   Answer: B
   Explanation: Divide: 12.96 ÷ 0.54 = 24 (12.96 ÷ 0.54 = 1296 ÷ 54 = 24). Check: 0.54 × 24 = 12.96.

84. A shopkeeper earns ₹7.89 daily for 5 days and spends ₹4.56 daily. What is the net savings?

    A) 16.65
    B) 16.75
    C) 16.85
    D) 16.95
    Answer: A
    Explanation: Earnings: 7.89 × 5 = 39.45. Expenses: 4.56 × 5 = 22.80. Savings: 39.45 - 22.80 = 16.65.

85. A number when divided by 0.6 gives 2.5. What is the number?

    A) 1.5
    B) 1.6
    C) 1.7
    D) 1.8
    Answer: A
    Explanation: Number = 2.5 × 0.6 = 1.5 (25 × 6 = 150, adjust for 2 decimal places: 150 ÷ 100 = 1.5). Check: 1.5 ÷ 0.6 = 2.5.

86. A shop sells 20 items at ₹2.95 each and 10 items at ₹3.25 each. What is the total revenue?

    A) 91.50
    B) 92.50
    C) 93.50
    D) 94.50
    Answer: A
    Explanation: Revenue from 20 items: 2.95 × 20 = 59.00. Revenue from 10 items: 3.25 × 10 = 32.50. Total: 59.00 + 32.50 = 91.50.

87. A number when multiplied by 2.4 and then decreased by 1.92 gives 5.28. What is the number?

    A) 2.8
    B) 2.9
    C) 3.0

D) 3.1

Answer: C

Explanation: Let the number be x. Then, 2.4x - 1.92 = 5.28, so 2.4x = 7.20, x = 7.20 ÷ 2.4 = 3.0. Check: 2.4 × 3.0 - 1.92 = 7.2 - 1.92 = 5.28.

88. A total of 15.68 kg of sugar is packed into bags, each containing 0.49 kg. How many bags are needed?
    A) 31
    B) 32
    C) 33
    D) 34
    Answer: B
    Explanation: Divide: 15.68 ÷ 0.49 = 32 (1568 ÷ 49 = 32). Check: 0.49 × 32 = 15.68.

89. A shopkeeper earns ₹9.45 daily for 4 days and spends ₹5.67 daily. What is the net savings?
    A) 15.12
    B) 15.22
    C) 15.32
    D) 15.42
    Answer: A
    Explanation: Earnings: 9.45 × 4 = 37.80. Expenses: 5.67 × 4 = 22.68. Savings: 37.80 - 22.68 = 15.12.

90. A number when divided by 0.8 gives 3.75. What is the number?
    A) 3.0
    B) 3.1
    C) 3.2
    D) 3.3
    Answer: A
    Explanation: Number = 3.75 × 0.8 = 3.0 (375 × 8 = 3,000, adjust for 3 decimal places: 3,000 ÷ 1,000 = 3.0). Check: 3.0 ÷ 0.8 = 3.75.

91. A shop sells 30 items at ₹1.85 each and 20 items at ₹2.45 each. What is the total revenue?

   A) 104.50
   B) 105.50
   C) 106.50
   D) 107.50
   Answer: A
   Explanation: Revenue from 30 items: 1.85 × 30 = 55.50. Revenue from 20 items: 2.45 × 20 = 49.00. Total: 55.50 + 49.00 = 104.50.

92. A number when multiplied by 1.8 and then increased by 2.16 gives 7.56. What is the number?

   A) 3.0
   B) 3.1
   C) 3.2
   D) 3.3
   Answer: A
   Explanation: Let the number be x. Then, 1.8x + 2.16 = 7.56, so 1.8x = 5.40, x = 5.40 ÷ 1.8 = 3.0. Check: 1.8 × 3.0 + 2.16 = 5.4 + 2.16 = 7.56.

93. A total of 18.24 kg of flour is packed into bags, each containing 0.57 kg. How many bags are needed?

   A) 31
   B) 32
   C) 33
   D) 34
   Answer: B
   Explanation: Divide: 18.24 ÷ 0.57 = 32 (1824 ÷ 57 = 32). Check: 0.57 × 32 = 18.24.

94. A shopkeeper earns ₹12.34 daily for 3 days and spends ₹7.89 daily. What is the net savings?

   A) 13.35
   B) 13.45
   C) 13.55

D) 13.65

Answer: A

Explanation: Earnings: 12.34 × 3 = 37.02. Expenses: 7.89 × 3 = 23.67. Savings: 37.02 - 23.67 = 13.35.

95. A number when divided by 0.9 gives 2.5. What is the number?

   A) 2.25

   B) 2.35

   C) 2.45

   D) 2.55

   Answer: A

   Explanation: Number = 2.5 × 0.9 = 2.25 (25 × 9 = 225, adjust for 2 decimal places: 225 ÷ 100 = 2.25). Check: 2.25 ÷ 0.9 = 2.5.

96. A shop sells 10 items at ₹3.95 each and 15 items at ₹2.85 each. What is the total revenue?

   A) 82.00

   B) 82.25

   C) 82.50

   D) 82.75

   Answer: B

   Explanation: Revenue from 10 items: 3.95 × 10 = 39.50. Revenue from 15 items: 2.85 × 15 = 42.75. Total: 39.50 + 42.75 = 82.25.

97. A number when multiplied by 2.5 and then decreased by 1.75 gives 4.25. What is the number?

   A) 2.3

   B) 2.4

   C) 2.5

   D) 2.6

   Answer: B

   Explanation: Let the number be x. Then, $2.5x - 1.75 = 4.25$, so $2.5x = 6.00$, $x = 6.00 ÷ 2.5 = 2.4$. Check: 2.5 × 2.4 - 1.75 = 6.0 - 1.75 = 4.25.

98. A total of 17.28 kg of wheat is packed into bags, each containing 0.48 kg. How many bags are needed?

   A) 35
   B) 36
   C) 37
   D) 38
   Answer: B
   Explanation: Divide: 17.28 ÷ 0.48 = 36 (1728 ÷ 48 = 36). Check: 0.48 × 36 = 17.28.

99. A shopkeeper earns ₹15.67 daily for 2 days and spends ₹9.45 daily. What is the net savings?

   A) 12.34
   B) 12.44
   C) 12.54
   D) 12.64
   Answer: A
   Explanation: Earnings: 15.67 × 2 = 31.34. Expenses: 9.45 × 2 = 18.90. Savings: 31.34 - 18.90 = 12.34.

100. A number when divided by 1.2 gives 3.5. What is the number?

   A) 4.2
   B) 4.3
   C) 4.4
   D) 4.5
   Answer: A
   Explanation: Number = 3.5 × 1.2 = 4.2 (35 × 12 = 420, adjust for 2 decimal places: 420 ÷ 100 = 4.2). Check: 4.2 ÷ 1.2 = 3.5.

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