

SSC GD Constable Exam: Fundamental Arithmetical Operations MCQ

Instructions:

- This practice set contains 100 multiple-choice questions (MCQs) on Fundamental Arithmetical Operations, 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, and their applications with whole numbers, decimals, and fractions.
- Answers are provided with concise explanations for clarity.

Section 1: Low Difficulty - Basic Operations with Whole Numbers (Questions 1–20)

1. What is $15 + 7$?

- A) 22
- B) 20
- C) 18
- D) 24

Answer: A

Explanation: Add: $15 + 7 = 22$. The sum is straightforward.

2. Subtract: $25 - 9$

- A) 14
- B) 16
- C) 18
- D) 20

Answer: B

Explanation: Subtract: $25 - 9 = 16$. The difference is calculated directly.

3. Multiply: 6×4

- A) 20

B) 24

C) 28

D) 30

Answer: B

Explanation: Multiply: $6 \times 4 = 24$. The product is computed directly.

4. Divide: $36 \div 6$

A) 5

B) 6

C) 7

D) 8

Answer: B

Explanation: Divide: $36 \div 6 = 6$. Check: $6 \times 6 = 36$.

5. What is $12 + 8$?

A) 20

B) 18

C) 16

D) 22

Answer: A

Explanation: Add: $12 + 8 = 20$. The sum is straightforward.

6. Subtract: $40 - 15$

A) 25

B) 20

C) 30

D) 35

Answer: A

Explanation: Subtract: $40 - 15 = 25$. The difference is calculated directly.

7. Multiply: 7×3

A) 18

B) 21

C) 24

D) 27

Answer: B

Explanation: Multiply: $7 \times 3 = 21$. The product is computed directly.

8. Divide: $48 \div 8$

A) 5

B) 6

C) 7

D) 8

Answer: B

Explanation: Divide: $48 \div 8 = 6$. Check: $6 \times 8 = 48$.

9. What is $9 + 11$?

A) 18

B) 21

C) 22

D) 20

Answer: D

Explanation: Add: $9 + 11 = 20$. The sum is straightforward.

10. Subtract: $30 - 12$

A) 16

B) 18

C) 20

D) 22

Answer: B

Explanation: Subtract: $30 - 12 = 18$. The difference is calculated directly.

11. Multiply: 5×9

A) 46

B) 47

C) 45

D) 55

Answer: C

Explanation: Multiply: $5 \times 9 = 45$. The product is computed directly.

12. Divide: $72 \div 9$

- A) 7
- B) 8
- C) 9
- D) 10

Answer: B

Explanation: Divide: $72 \div 9 = 8$. Check: $8 \times 9 = 72$.

13. What is $14 + 6$?

- A) 18
- B) 22
- C) 20
- D) 24

Answer: C

Explanation: Add: $14 + 6 = 20$. The sum is straightforward.

14. Subtract: $50 - 20$

- A) 25
- B) 30
- C) 35
- D) 40

Answer: B

Explanation: Subtract: $50 - 20 = 30$. The difference is calculated directly.

15. Multiply: 8×5

- A) 35
- B) 40
- C) 45
- D) 50

Answer: B

Explanation: Multiply: $8 \times 5 = 40$. The product is computed directly.

16. Divide: $54 \div 6$

- A) 8
- B) 9

C) 10

D) 11

Answer: B

Explanation: Divide: $54 \div 6 = 9$. Check: $9 \times 6 = 54$.

17. What is $16 + 9$?

A) 23

B) 24

C) 25

D) 26

Answer: C

Explanation: Add: $16 + 9 = 25$. The sum is straightforward.

18. Subtract: $45 - 17$

A) 26

B) 28

C) 30

D) 32

Answer: B

Explanation: Subtract: $45 - 17 = 28$. The difference is calculated directly.

19. Multiply: 4×7

A) 24

B) 28

C) 32

D) 36

Answer: B

Explanation: Multiply: $4 \times 7 = 28$. The product is computed directly.

20. Divide: $60 \div 12$

A) 4

B) 5

C) 6

D) 7

Answer: B

Explanation: Divide: $60 \div 12 = 5$. Check: $5 \times 12 = 60$.

Section 2: Medium Difficulty - Operations with Decimals, Fractions, and Applications (Questions 21–80)

21. What is $3.2 + 1.8$?

- A) 4.8
- B) 5.0
- C) 5.2
- D) 5.4

Answer: B

Explanation: Add: $3.2 + 1.8 = 5.0$. Align decimals and add directly.

22. Subtract: $7.5 - 2.3$

- A) 5.2
- B) 5.0
- C) 4.8
- D) 4.6

Answer: A

Explanation: Subtract: $7.5 - 2.3 = 5.2$. Align decimals and subtract directly.

23. Multiply: 2.5×4

- A) 8
- B) 9
- C) 10
- D) 11

Answer: C

Explanation: Multiply: $2.5 \times 4 = 10.0 = 10$. Treat 2.5 as $25/10$ and multiply.

24. Divide: $12.6 \div 3$

- A) 4.2
- B) 4.0
- C) 3.8

D) 3.6

Answer: A

Explanation: Divide: $12.6 \div 3 = 4.2$. Check: $4.2 \times 3 = 12.6$.

25. A shop sells 3 pens for ₹15. What is the cost of 9 pens?

A) 45

B) 40

C) 35

D) 30

Answer: A

Explanation: Cost per pen: $15 \div 3 = 5$. For 9 pens: $9 \times 5 = 45$.

26. What is $\frac{1}{2} + \frac{1}{3}$?

A) $\frac{5}{6}$

B) $\frac{2}{3}$

C) $\frac{1}{2}$

D) $\frac{1}{6}$

Answer: A

Explanation: Common denominator (6): $\frac{1}{2} = \frac{3}{6}$, $\frac{1}{3} = \frac{2}{6}$. Add: $\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$.

27. Subtract: $\frac{2}{3} - \frac{1}{6}$

A) $\frac{1}{2}$

B) $\frac{1}{3}$

C) $\frac{1}{6}$

D) $\frac{1}{4}$

Answer: A

Explanation: Common denominator (6): $\frac{2}{3} = \frac{4}{6}$. Subtract: $\frac{4}{6} - \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$.

28. Multiply: $\frac{1}{4} \times 8$

A) 2

B) 3

C) 4

D) 5

Answer: A

Explanation: Multiply: $\frac{1}{4} \times 8 = \frac{8}{4} = 2$. The fraction simplifies directly.

29. Divide: $\frac{3}{5} \div 2$

A) $\frac{3}{10}$

B) $\frac{2}{5}$

C) $\frac{1}{3}$

D) $\frac{1}{2}$

Answer: A

Explanation: Divide by multiplying by reciprocal: $\frac{3}{5} \div 2 = \frac{3}{5} \times \frac{1}{2} = \frac{3}{10}$.

30. What is $4.5 + 2.7$?

A) 7.0

B) 7.2

C) 7.4

D) 7.6

Answer: B

Explanation: Add: $4.5 + 2.7 = 7.2$. Align decimals and add directly.

31. Subtract: $8.4 - 3.2$

A) 5.0

B) 5.2

C) 5.4

D) 5.6

Answer: B

Explanation: Subtract: $8.4 - 3.2 = 5.2$. Align decimals and subtract directly.

32. Multiply: 3.6×2

A) 7.2

B) 7.0

C) 6.8

D) 6.6

Answer: A

Explanation: Multiply: $3.6 \times 2 = 7.2$. Treat 3.6 as $36/10$ and multiply.

33. Divide: $15.9 \div 3$

A) 5.3

B) 5.1

C) 4.9

D) 4.7

Answer: A

Explanation: Divide: $15.9 \div 3 = 5.3$. Check: $5.3 \times 3 = 15.9$.

34. A shop sells 5 books for ₹100. What is the cost of 15 books?

A) 300

B) 250

C) 200

D) 150

Answer: A

Explanation: Cost per book: $100 \div 5 = 20$. For 15 books: $15 \times 20 = 300$.

35. What is $2/5 + 3/10$?

A) $7/10$

B) $1/2$

C) $3/5$

D) $4/5$

Answer: A

Explanation: Common denominator (10): $2/5 = 4/10$. Add: $4/10 + 3/10 = 7/10$.

36. Subtract: $3/4 - 1/2$

A) $1/4$

B) $1/3$

C) $1/2$

D) $1/6$

Answer: A

Explanation: Common denominator (4): $1/2 = 2/4$. Subtract: $3/4 - 2/4 = 1/4$.

37. Multiply: $\frac{2}{3} \times 6$

- A) 3
- B) 4
- C) 5
- D) 6

Answer: B

Explanation: Multiply: $\frac{2}{3} \times 6 = \frac{12}{3} = 4$. The fraction simplifies directly.

38. Divide: $\frac{4}{7} \div 2$

- A) $\frac{2}{7}$
- B) $\frac{3}{7}$
- C) $\frac{4}{7}$
- D) $\frac{5}{7}$

Answer: A

Explanation: Divide by multiplying by reciprocal: $\frac{4}{7} \div 2 = \frac{4}{7} \times \frac{1}{2} = \frac{4}{14} = \frac{2}{7}$.

39. What is $5.6 + 3.4$?

- A) 8.8
- B) 9.0
- C) 9.2
- D) 9.4

Answer: B

Explanation: Add: $5.6 + 3.4 = 9.0$. Align decimals and add directly.

40. Subtract: $9.8 - 4.5$

- A) 5.3
- B) 5.1
- C) 4.9
- D) 4.7

Answer: A

Explanation: Subtract: $9.8 - 4.5 = 5.3$. Align decimals and subtract directly.

41. Multiply: 4.2×3

- A) 12.6
- B) 12.4
- C) 12.2
- D) 12.0

Answer: A

Explanation: Multiply: $4.2 \times 3 = 12.6$. Treat 4.2 as $42/10$ and multiply.

42. Divide: $18.4 \div 4$

- A) 4.6
- B) 4.4
- C) 4.2
- D) 4.0

Answer: A

Explanation: Divide: $18.4 \div 4 = 4.6$. Check: $4.6 \times 4 = 18.4$.

43. A shop sells 4 pencils for ₹12. What is the cost of 12 pencils?

- A) 26
- B) 30
- C) 24
- D) 36

Answer: D

Explanation: Cost per pencil: $12 \div 4 = 3$. For 12 pencils: $12 \times 3 = 36$.

44. What is $3/8 + 1/4$?

- A) $5/8$
- B) $1/2$
- C) $3/4$
- D) $7/8$

Answer: A

Explanation: Common denominator (8): $1/4 = 2/8$. Add: $3/8 + 2/8 = 5/8$.

45. Subtract: $5/6 - 1/3$

- A) $1/2$
- B) $1/3$

C) $\frac{2}{3}$

D) $\frac{1}{6}$

Answer: A

Explanation: Common denominator (6): $\frac{1}{3} = \frac{2}{6}$. Subtract: $\frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$.

46. Multiply: $\frac{1}{5} \times 10$

A) 4

B) 3

C) 2

D) 5

Answer: C

Explanation: Multiply: $\frac{1}{5} \times 10 = \frac{10}{5} = 2$. The fraction simplifies directly.

47. Divide: $\frac{2}{3} \div 4$

A) $\frac{1}{6}$

B) $\frac{1}{12}$

C) $\frac{1}{3}$

D) $\frac{1}{4}$

Answer: A

Explanation: Divide by multiplying by reciprocal: $\frac{2}{3} \div 4 = \frac{2}{3} \times \frac{1}{4} = \frac{2}{12} = \frac{1}{6}$.

48. What is $6.3 + 2.9$?

A) 9.0

B) 9.2

C) 9.4

D) 9.6

Answer: B

Explanation: Add: $6.3 + 2.9 = 9.2$. Align decimals and add directly.

49. Subtract: $10.5 - 4.7$

A) 5.8

B) 5.6

C) 5.4

D) 5.2

Answer: A

Explanation: Subtract: $10.5 - 4.7 = 5.8$. Align decimals and subtract directly.

50. Multiply: 5.4×2

A) 10.8

B) 10.6

C) 10.4

D) 10.2

Answer: A

Explanation: Multiply: $5.4 \times 2 = 10.8$. Treat 5.4 as $54/10$ and multiply.

51. Divide: $21.6 \div 3$

A) 7.2

B) 7.0

C) 6.8

D) 6.6

Answer: A

Explanation: Divide: $21.6 \div 3 = 7.2$. Check: $7.2 \times 3 = 21.6$.

52. A shop sells 6 notebooks for ₹90. What is the cost of 18 notebooks?

A) 270

B) 240

C) 210

D) 180

Answer: A

Explanation: Cost per notebook: $90 \div 6 = 15$. For 18 notebooks: $18 \times 15 = 270$.

53. What is $2/7 + 3/7$?

A) $5/7$

B) $4/7$

C) $3/7$

D) $2/7$

Answer: A

Explanation: Same denominator: $\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$. The sum is simplified.

54. Subtract: $\frac{7}{8} - \frac{3}{8}$

A) $\frac{1}{2}$

B) $\frac{1}{4}$

C) $\frac{3}{8}$

D) $\frac{1}{8}$

Answer: A

Explanation: Same denominator: $\frac{7}{8} - \frac{3}{8} = \frac{4}{8} = \frac{1}{2}$. Simplify the fraction.

55. Multiply: $\frac{3}{4} \times 8$

A) $\frac{3}{32}$

B) 5

C) 4

D) 6

Answer: D

Explanation: Multiply: $\frac{3}{4} \times 8 = \frac{24}{4} = 6$. The fraction simplifies directly.

56. Divide: $\frac{5}{6} \div 5$

A) $\frac{1}{6}$

B) $\frac{1}{5}$

C) $\frac{1}{3}$

D) $\frac{1}{2}$

Answer: A

Explanation: Divide by multiplying by reciprocal: $\frac{5}{6} \div 5 = \frac{5}{6} \times \frac{1}{5} = \frac{5}{30} = \frac{1}{6}$.

57. What is $7.8 + 4.2$?

A) 1.20

B) 12.0

C) 12.4

D) 12.6

Answer: B

Explanation: Add: $7.8 + 4.2 = 12.0$. Align decimals and add directly.

58. Subtract: $12.3 - 5.6$

A) 6.7

B) 6.5

C) 6.3

D) 6.1

Answer: A

Explanation: Subtract: $12.3 - 5.6 = 6.7$. Align decimals and subtract directly.

59. Multiply: 6.5×2

A) 13.0

B) 12.8

C) 12.6

D) 12.4

Answer: A

Explanation: Multiply: $6.5 \times 2 = 13.0$. Treat 6.5 as $65/10$ and multiply.

60. Divide: $24.9 \div 3$

A) 7.3

B) 8.1

C) 7.9

D) 8.3

Answer: D

Explanation: Divide: $24.9 \div 3 = 8.3$. Check: $8.3 \times 3 = 24.9$.

61. A shop sells 7 apples for ₹35. What is the cost of 21 apples?

A) 100

B) 105

C) 95

D) 90

Answer: B

Explanation: Cost per apple: $35 \div 7 = 5$. For 21 apples: $21 \times 5 = 105$.

62. What is $\frac{3}{5} + \frac{2}{5}$?

A) $\frac{6}{25}$

B) $\frac{4}{5}$

C) 1

D) $\frac{2}{5}$

Answer: C

Explanation: Same denominator: $\frac{3}{5} + \frac{2}{5} = \frac{5}{5} = 1$.

63. Subtract: $\frac{5}{9} - \frac{2}{9}$

A) $\frac{1}{3}$

B) $\frac{2}{9}$

C) $\frac{3}{9}$

D) $\frac{4}{9}$

Answer: A

Explanation: Same denominator: $\frac{5}{9} - \frac{2}{9} = \frac{3}{9} = \frac{1}{3}$. Simplify the fraction.

64. Multiply: $\frac{2}{5} \times 10$

A) 4

B) 5

C) 6

D) 7

Answer: A

Explanation: Multiply: $\frac{2}{5} \times 10 = \frac{20}{5} = 4$. The fraction simplifies directly.

65. Divide: $\frac{3}{4} \div 3$

A) $\frac{1}{4}$

B) $\frac{1}{3}$

C) $\frac{1}{2}$

D) $\frac{1}{6}$

Answer: A

Explanation: Divide by multiplying by reciprocal: $\frac{3}{4} \div 3 = \frac{3}{4} \times \frac{1}{3} = \frac{3}{12} = \frac{1}{4}$.

66. What is $8.9 + 3.1$?

A) 12.0

B) 12.2

C) 12.4

D) 12.6

Answer: A

Explanation: Add: $8.9 + 3.1 = 12.0$. Align decimals and add directly.

67. Subtract: $15.7 - 6.8$

A) 8.9

B) 8.7

C) 8.5

D) 8.3

Answer: A

Explanation: Subtract: $15.7 - 6.8 = 8.9$. Align decimals and subtract directly.

68. Multiply: 7.2×3

A) 21.6

B) 21.4

C) 21.2

D) 21.0

Answer: A

Explanation: Multiply: $7.2 \times 3 = 21.6$. Treat 7.2 as $72/10$ and multiply.

69. Divide: $27.6 \div 4$

A) 6.9

B) 6.7

C) 6.5

D) 6.3

Answer: A

Explanation: Divide: $27.6 \div 4 = 6.9$. Check: $6.9 \times 4 = 27.6$.

70. A shop sells 8 oranges for ₹40. What is the cost of 24 oranges?

A) 120

B) 100

C) 80

D) 60

Answer: A

Explanation: Cost per orange: $40 \div 8 = 5$. For 24 oranges: $24 \times 5 = 120$.

71. What is $4/9 + 2/9$?

A) $2/3$

B) $1/3$

C) $1/2$

D) $1/4$

Answer: A

Explanation: Same denominator: $4/9 + 2/9 = 6/9 = 2/3$. Simplify the fraction.

72. Subtract: $7/10 - 3/10$

A) $2/5$

B) $1/5$

C) $3/5$

D) $1/10$

Answer: A

Explanation: Same denominator: $7/10 - 3/10 = 4/10 = 2/5$. Simplify the fraction.

73. Multiply: $3/8 \times 16$

A) 6

B) 5

C) 4

D) 3

Answer: A

Explanation: Multiply: $3/8 \times 16 = 48/8 = 6$. The fraction simplifies directly.

74. Divide: $5/8 \div 5$

A) $1/8$

B) $1/4$

C) $1/2$

D) $\frac{1}{3}$

Answer: A

Explanation: Divide by multiplying by reciprocal: $\frac{5}{8} \div 5 = \frac{5}{8} \times \frac{1}{5} = \frac{5}{40} = \frac{1}{8}$.

75. What is $9.4 + 5.6$?

A) 15.0

B) 15.2

C) 15.4

D) 15.6

Answer: A

Explanation: Add: $9.4 + 5.6 = 15.0$. Align decimals and add directly.

76. Subtract: $13.8 - 7.2$

A) 6.2

B) 6.4

C) 6.6

D) 6.0

Answer: C

Explanation: Subtract: $13.8 - 7.2 = 6.6$. Align decimals and subtract directly.

77. Multiply: 8.3×2

A) 16.4

B) 16.6

C) 16.2

D) 16.0

Answer: B

Explanation: Multiply: $8.3 \times 2 = 16.6$. Treat 8.3 as $\frac{83}{10}$ and multiply.

78. Divide: $30.4 \div 4$

A) 7.6

B) 7.4

C) 7.2

D) 7.0

Answer: A

Explanation: Divide: $30.4 \div 4 = 7.6$. Check: $7.6 \times 4 = 30.4$.

79. A shop sells 10 bananas for ₹50. What is the cost of 30 bananas?

A) 120

B) 150

C) 100

D) 80

Answer: B

Explanation: Cost per banana: $50 \div 10 = 5$. For 30 bananas: $30 \times 5 = 150$.

80. What is $\frac{5}{12} + \frac{1}{6}$?

A) $\frac{7}{12}$

B) $\frac{2}{3}$

C) $\frac{1}{2}$

D) $\frac{1}{3}$

Answer: A

Explanation: Common denominator (12): $\frac{1}{6} = \frac{2}{12}$. Add: $\frac{5}{12} + \frac{2}{12} = \frac{7}{12}$.

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

81. A shop sells 3 kg of rice at ₹20 per kg and 2 kg of wheat at ₹15 per kg. What is the total cost?

A) 60

B) 85

C) 90

D) 75

Answer: C

Explanation: Rice cost: $3 \times 20 = 60$. Wheat cost: $2 \times 15 = 30$. Total: $60 + 30 = 90$.

82. If $\frac{2}{3}$ of a number is 12, what is the number?

- A) 18
- B) 16
- C) 14
- D) 12

Answer: A

Explanation: Let the number be x . Then, $\frac{2}{3} \times x = 12$, so $x = 12 \div \frac{2}{3} = 12 \times \frac{3}{2} = 18$.

83. A number when multiplied by 4 and increased by 15 gives 47. What is the number?

- A) 10
- B) 9
- C) 8
- D) 11

Answer: C

Explanation: Let x be the number. Then, $4x + 15 = 47$, so $4x = 47 - 15 = 32$, $x = 32 \div 4 = 8$.

84. Divide 12.5 by 2 and add 3.5 to the result. What is the final value?

- A) 9.75
- B) 9.25
- C) 8.75
- D) 8.25

Answer: A

Explanation: Divide: $12.5 \div 2 = 6.25$. Add: $6.25 + 3.5 = 9.75$.

85. A shop sells $\frac{1}{2}$ kg of sugar for ₹10. What is the cost of 5 kg of sugar?

- A) 100
- B) 90
- C) 80
- D) 70

Answer: A

Explanation: Cost per kg: $10 \div \frac{1}{2} = 20$. For 5 kg: $5 \times 20 = 100$.

86. What is $(\frac{2}{5} \times 15) + 4$?

- A) 9
- B) 10
- C) 8
- D) 7

Answer: B

Explanation: Multiply: $\frac{2}{5} \times 15 = \frac{30}{5} = 6$. Add: $6 + 4 = 10$.

87. Subtract 3.7 from the product of 5 and 2.4.

- A) 8.3
- B) 8.1
- C) 7.9
- D) 7.7

Answer: A

Explanation: Multiply: $5 \times 2.4 = 12$. Subtract: $12 - 3.7 = 8.3$.

88. A number when divided by 6 and increased by 2 gives 7. What is the number?

- A) 31
- B) 28
- C) 30
- D) 24

Answer: C

Explanation: Let x be the number. Then, $\frac{x}{6} + 2 = 7$, so $\frac{x}{6} = 5$, $x = 5 \times 6 = 30$.

89. A shop sells $\frac{2}{3}$ kg of flour for ₹12. What is the cost of 4 kg of flour?

- A) 72
- B) 70
- C) 68
- D) 66

Answer: A

Explanation: Cost per kg: $12 \div \frac{2}{3} = 12 \times \frac{3}{2} = 18$. For 4 kg: $4 \times 18 = 72$.

90. What is $(\frac{3}{4} \times 16) - 5$?

- A) 7

- B) 8
- C) 9
- D) 10

Answer: A

Explanation: Multiply: $\frac{3}{4} \times 16 = 48/4 = 12$. Subtract: $12 - 5 = 7$.

91. Multiply 4.8 by 3 and subtract 2.4 from the result.

- A) 12.0
- B) 11.8
- C) 11.6
- D) 11.4

Answer: A

Explanation: Multiply: $4.8 \times 3 = 14.4$. Subtract: $14.4 - 2.4 = 12.0$.

92. If $\frac{3}{5}$ of a number is 15, what is the number?

- A) 25
- B) 20
- C) 15
- D) 10

Answer: A

Explanation: Let the number be x . Then, $\frac{3}{5} \times x = 15$, so $x = 15 \div \frac{3}{5} = 15 \times \frac{5}{3} = 25$.

93. A number when multiplied by 5 and decreased by 10 gives 35. What is the number?

- A) 6
- B) 8
- C) 7
- D) 9

Answer: D

Explanation: Let x be the number. Then, $5x - 10 = 35$, so $5x = 45$, $x = 45 \div 5 = 9$.

94. Divide 18.9 by 3 and add 2.7 to the result.

- A) 9.0

B) 8.8

C) 8.6

D) 8.4

Answer: A

Explanation: Divide: $18.9 \div 3 = 6.3$. Add: $6.3 + 2.7 = 9.0$.

95. A shop sells $\frac{3}{4}$ kg of rice for ₹18. What is the cost of 6 kg of rice?

A) 144

B) 140

C) 136

D) 132

Answer: A

Explanation: Cost per kg: $18 \div \frac{3}{4} = 18 \times \frac{4}{3} = 24$. For 6 kg: $6 \times 24 = 144$.

96. What is $(\frac{1}{3} \times 18) + 3$?

A) 9

B) 8

C) 7

D) 6

Answer: A

Explanation: Multiply: $\frac{1}{3} \times 18 = \frac{18}{3} = 6$. Add: $6 + 3 = 9$.

97. Subtract 4.5 from the product of 6 and 2.5.

A) 10.2

B) 10.3

C) 10.5

D) 9.8

Answer: C

Explanation: Multiply: $6 \times 2.5 = 15$. Subtract: $15 - 4.5 = 10.5$.

98. A number when divided by 4 and increased by 3 gives 8. What is the number?

A) 20

B) 18

C) 16

D) 14

Answer: A

Explanation: Let x be the number. Then, $x/4 + 3 = 8$, so $x/4 = 5$, $x = 5 \times 4 = 20$.

99. A shop sells $2/5$ kg of sugar for ₹10. What is the cost of 8 kg of sugar?

A) 200

B) 190

C) 180

D) 170

Answer: A

Explanation: Cost per kg: $10 \div 2/5 = 10 \times 5/2 = 25$. For 8 kg: $8 \times 25 = 200$.

100. What is $(2/7 \times 14) - 2$?

A) 2

B) 3

C) 4

D) 5

Answer: A

Explanation: Multiply: $2/7 \times 14 = 28/7 = 4$. Subtract: $4 - 2 = 2$.

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