

SSC GD Constable Exam: Simplification MCQ Set

Instructions:

- This practice set contains 100 multiple-choice questions (MCQs) on Simplification, covering arithmetic operations, fractions, decimals, percentages, exponents, and basic algebraic simplifications.
- 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 are divided into 20% low level (basic), 60% medium level (moderate), and 20% high level (complex), aligned with the SSC GD syllabus for Elementary Mathematics at the 10th-grade level.
- Answers are provided with concise explanations for clarity.

Section 1: Basic Arithmetic and Fractions (Questions 1–50)

Low Level Questions (Q1–10, 20% of Section)

1. Simplify: $12 + 8 \times 2$.

- A) 28
- B) 32
- C) 24
- D) 20

Answer: A

Explanation: Follow BODMAS: First, $8 \times 2 = 16$, then $12 + 16 = 28$.

2. Simplify: $15 - 3 \times 4$.

- A) 3
- B) 9
- C) 12
- D) 6

Answer: A

Explanation: Using BODMAS, calculate $3 \times 4 = 12$, then $15 - 12 = 3$.

3. Simplify: $20 \div 5 + 3$.

- A) 7

B) 4

C) 5

D) 6

Answer: A

Explanation: BODMAS: $20 \div 5 = 4$, then $4 + 3 = 7$.

4. Simplify: $6 \times 4 - 8$.

A) 18

B) 16

C) 20

D) 22

Answer: B

Explanation: BODMAS: $6 \times 4 = 24$, then $24 - 8 = 16$.

5. Simplify: $10 + 5 \times 2 - 4$.

A) 16

B) 18

C) 20

D) 22

Answer: A

Explanation: BODMAS: $5 \times 2 = 10$, then $10 + 10 = 20$, and $20 - 4 = 16$.

6. Simplify: $18 \div 3 + 2$.

A) 6

B) 7

C) 8

D) 9

Answer: C

Explanation: BODMAS: $18 \div 3 = 6$, then $6 + 2 = 8$.

7. Simplify: $9 \times 3 - 15$.

A) 12

B) 14

C) 16

D) 18

Answer: A

Explanation: BODMAS: $9 \times 3 = 27$, then $27 - 15 = 12$.

8. Simplify: $25 - 10 \div 2$.

A) 15

B) 20

C) 25

D) 30

Answer: B

Explanation: BODMAS: $10 \div 2 = 5$, then $25 - 5 = 20$.

9. Simplify: $4 + 6 \times 3$.

A) 22

B) 24

C) 26

D) 28

Answer: A

Explanation: BODMAS: $6 \times 3 = 18$, then $4 + 18 = 22$.

10. Simplify: $16 \div 4 + 5$.

A) 7

B) 8

C) 9

D) 10

Answer: C

Explanation: BODMAS: $16 \div 4 = 4$, then $4 + 5 = 9$.

Medium Level Questions (Q11–40, 60% of Section)

11. Simplify: $(15 + 5) \times 2 - 10$.

A) 30

B) 35

C) 40

D) 45

Answer: A

Explanation: First, $(15 + 5) = 20$, then $20 \times 2 = 40$, and $40 - 10 = 30$.

12. Simplify: $24 \div (4 + 2) \times 3$.

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

Answer: A

Explanation: Inside brackets: $4 + 2 = 6$, then $24 \div 6 = 4$, and $4 \times 3 = 12$.

13. Simplify: $\frac{3}{4} + \frac{1}{2}$.

- A) $\frac{5}{4}$
- B) $\frac{3}{2}$
- C) $\frac{7}{4}$
- D) $\frac{5}{8}$

Answer: A

Explanation: LCM of 4 and 2 is 4. Convert: $\frac{3}{4} + \frac{2}{4} = \frac{5}{4}$.

14. Simplify: $\frac{2}{3} - \frac{1}{6}$.

- A) $\frac{1}{6}$
- B) $\frac{1}{3}$
- C) $\frac{1}{2}$
- D) $\frac{1}{4}$

Answer: C

Explanation: LCM of 3 and 6 is 6. Convert: $\frac{4}{6} - \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$.

15. Simplify: $5 \times (2 + 3) - 10$.

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

Answer: B

Explanation: Brackets: $2 + 3 = 5$, then $5 \times 5 = 25$, and $25 - 10 = 15$.

16. Simplify: $12 + 8 \div 4 \times 2$.

- A) 16

B) 18

C) 20

D) 22

Answer: A

Explanation: BODMAS: $8 \div 4 = 2$, then $2 \times 2 = 4$, and $12 + 4 = 16$.

17. Simplify: $\frac{3}{5} \times \frac{10}{9}$.

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

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

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

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

Answer: A

Explanation: Multiply numerators: $3 \times 10 = 30$, denominators: $5 \times 9 = 45$.

Simplify: $\frac{30}{45} = \frac{2}{3}$.

18. Simplify: $\frac{7}{8} - \frac{3}{4}$.

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

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

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

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

Answer: A

Explanation: LCM of 8 and 4 is 8. Convert: $\frac{7}{8} - \frac{6}{8} = \frac{1}{8}$.

19. Simplify: $20 - (5 + 3) \times 2$.

A) 7

B) 6

C) 8

D) 4

Answer: D

Explanation: Brackets: $5 + 3 = 8$, then $8 \times 2 = 16$, and $20 - 16 = 4$.

20. Simplify: $\frac{2}{3} + \frac{3}{4}$.

A) $\frac{12}{17}$

B) $\frac{15}{12}$

C) $\frac{13}{12}$

D) $17/12$

Answer: D

Explanation: LCM of 3 and 4 is 12. Convert: $8/12 + 9/12 = 17/12$.

21. Simplify: $18 \div 3 \times 2 + 4$.

A) 16

B) 18

C) 20

D) 22

Answer: A

Explanation: BODMAS: $18 \div 3 = 6$, then $6 \times 2 = 12$, and $12 + 4 = 16$.

22. Simplify: $5/6 \times 12/25$.

A) $2/5$

B) $3/5$

C) $4/5$

D) $1/5$

Answer: A

Explanation: Multiply: $5 \times 12 = 60$, $6 \times 25 = 150$. Simplify: $60/150 = 2/5$.

23. Simplify: $(10 \times 2) \div 5 + 3$.

A) 7

B) 8

C) 9

D) 10

Answer: A

Explanation: Brackets: $10 \times 2 = 20$, then $20 \div 5 = 4$, and $4 + 3 = 7$.

24. Simplify: $4/5 - 1/10$.

A) $10/7$

B) $3/5$

C) $7/10$

D) $2/5$

Answer: C

Explanation: LCM of 5 and 10 is 10. Convert: $8/10 - 1/10 = 7/10$.

25. Simplify: $15 + 6 \div 2 \times 3$.

- A) 26
- B) 24
- C) 28
- D) 30

Answer: B

Explanation: BODMAS: $6 \div 2 = 3$, then $3 \times 3 = 9$, and $15 + 9 = 24$.

26. Simplify: $\frac{2}{3} \times \frac{9}{4}$.

- A) $\frac{3}{2}$
- B) $\frac{1}{2}$
- C) $\frac{2}{3}$
- D) $\frac{3}{4}$

Answer: A

Explanation: Multiply: $2 \times 9 = 18$, $3 \times 4 = 12$. Simplify: $\frac{18}{12} = \frac{3}{2}$.

27. Simplify: $(12 + 8) \div 4$.

- A) 5
- B) 6
- C) 7
- D) 8

Answer: A

Explanation: Brackets: $12 + 8 = 20$, then $20 \div 4 = 5$.

28. Simplify: $\frac{7}{12} + \frac{5}{8}$.

- A) $\frac{24}{29}$
- B) $\frac{29}{24}$
- C) $\frac{25}{24}$
- D) $\frac{23}{24}$

Answer: B

Explanation: LCM of 12 and 8 is 24. Convert: $\frac{14}{24} + \frac{15}{24} = \frac{29}{24}$.

29. Simplify: $9 \times 2 \div 3 + 6$.

- A) 12

B) 14

C) 16

D) 18

Answer: A

Explanation: BODMAS: $9 \times 2 = 18$, $18 \div 3 = 6$, then $6 + 6 = 12$.

30. Simplify: $\frac{3}{4} \div \frac{1}{2}$.

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

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

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

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

Answer: A

Explanation: Division by fraction: $\frac{3}{4} \times \frac{2}{1} = \frac{6}{4} = \frac{3}{2}$.

31. Simplify: $25 - (10 \div 2) \times 3$.

A) 15

B) 12

C) 10

D) 18

Answer: C

Explanation: Brackets: $10 \div 2 = 5$, then $5 \times 3 = 15$, and $25 - 15 = 10$.

32. Simplify: $\frac{5}{6} + \frac{2}{9}$.

A) $\frac{18}{19}$

B) $\frac{17}{18}$

C) $\frac{19}{18}$

D) $\frac{13}{18}$

Answer: C

Explanation: LCM of 6 and 9 is 18. Convert: $\frac{15}{18} + \frac{4}{18} = \frac{19}{18}$.

33. Simplify: $4 \times (5 - 2) + 6$.

A) 18

B) 20

C) 22

D) 24

Answer: A

Explanation: Brackets: $5 - 2 = 3$, then $4 \times 3 = 12$, and $12 + 6 = 18$.

34. Simplify: $2/5 \times 15/4$.

A) $3/2$

B) $1/2$

C) $2/3$

D) $4/3$

Answer: A

Explanation: Multiply: $2 \times 15 = 30$, $5 \times 4 = 20$. Simplify: $30/20 = 3/2$.

35. Simplify: $30 \div (5 + 5) \times 2$.

A) 12

B) 8

C) 10

D) 6

Answer: D

Explanation: Brackets: $5 + 5 = 10$, then $30 \div 10 = 3$, and $3 \times 2 = 6$.

36. Simplify: $7/10 - 3/5$.

A) $10/1$

B) $1/20$

C) $1/100$

D) $1/10$

Answer: D

Explanation: LCM of 10 and 5 is 10. Convert: $7/10 - 6/10 = 1/10$.

37. Simplify: $8 \times 3 \div 4 + 5$.

A) 11

B) 12

C) 13

D) 14

Answer: A

Explanation: BODMAS: $8 \times 3 = 24$, $24 \div 4 = 6$, then $6 + 5 = 11$.

38. Simplify: $\frac{3}{8} + \frac{1}{4}$.

A) $\frac{5}{8}$

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

C) $\frac{3}{4}$

D) $\frac{7}{8}$

Answer: A

Explanation: LCM of 8 and 4 is 8. Convert: $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$.

39. Simplify: $(20 - 8) \div 3 + 4$.

A) 6

B) 9

C) 8

D) 11

Answer: C

Explanation: Brackets: $20 - 8 = 12$, then $12 \div 3 = 4$, and $4 + 4 = 8$.

40. Simplify: $\frac{4}{9} \times \frac{3}{2}$.

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

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

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

D) $\frac{4}{3}$

Answer: A

Explanation: Multiply: $4 \times 3 = 12$, $9 \times 2 = 18$. Simplify: $\frac{12}{18} = \frac{2}{3}$.

High Level Questions (Q41–50, 20% of Section)

41. Simplify: $(\frac{2}{3} + \frac{1}{6}) \times \frac{3}{4}$.

A) $\frac{5}{8}$

B) $\frac{3}{4}$

C) $\frac{7}{8}$

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

Answer: A

Explanation: First, $\frac{2}{3} + \frac{1}{6} = \frac{4}{6} + \frac{1}{6} = \frac{5}{6}$. Then, $(\frac{5}{6}) \times (\frac{3}{4}) = \frac{15}{24} = \frac{5}{8}$.

42. Simplify: $15 \div (3 + 2) \times (4 - 1)$.

- A) 9
- B) 10
- C) 11
- D) 12

Answer: A

Explanation: Brackets: $3 + 2 = 5$, $4 - 1 = 3$. Then, $15 \div 5 = 3$, and $3 \times 3 = 9$.

43. Simplify: $(5/8 - 1/4) \div 1/2$.

- A) $3/6$
- B) $4/3$
- C) $3/4$
- D) 1

Answer: C

Explanation: First, $5/8 - 1/4 = 5/8 - 2/8 = 3/8$. Then, $(3/8) \div (1/2) = 3/8 \times 2/1 = 3/4$.

44. Simplify: $2/5 \times (10 + 5) \div 3$.

- A) 2
- B) 3
- C) 4
- D) 5

Answer: A

Explanation: Brackets: $10 + 5 = 15$. Then, $(2/5) \times 15 = 30/5 = 6$, and $6 \div 3 = 2$.

45. Simplify: $(3/4 + 2/3) \div (1/6)$.

- A) 5.8
- B) 9.5
- C) 8.5
- D) 5.9

Answer: C

Explanation: First, $3/4 + 2/3 = 9/12 + 8/12 = 17/12$. Then, $(17/12) \div (1/6) = 17/12 \times 6/1 = 17/2 = 8.5$

46. Simplify: $12 \times (1/3 + 1/4)$.

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

Answer: A

Explanation: First, $1/3 + 1/4 = 4/12 + 3/12 = 7/12$. Then, $12 \times (7/12) = 7$.

47. Simplify: $(7/10 - 1/5) \times 5/3$.

- A) 1
- B) $3/2$
- C) $5/6$
- D) $5/2$

Answer: C

Explanation: First, $7/10 - 1/5 = 7/10 - 2/10 = 5/10 = 1/2$. Then, $(1/2) \times (5/3) = 5/6$

48. Simplify: $(18 \div 6 + 2) \times 3 - 5$.

- A) 10
- B) 12
- C) 14
- D) 16

Answer: A

Explanation: First, $18 \div 6 = 3$, then $3 + 2 = 5$. Next, $5 \times 3 = 15$, and $15 - 5 = 10$.

49. Simplify: $(2/3 \times 9/4) \div 1/2$.

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

Answer: A

Explanation: First, $2/3 \times 9/4 = 18/12 = 3/2$. Then, $(3/2) \div (1/2) = 3/2 \times 2/1 = 3$.

50. Simplify: $(5 + 3 \times 2) \div (1 + 1/3)$.

- A) 6
- B) $33/4$
- C) 8
- D) 9

Answer: B

Explanation: First, $3 \times 2 = 6$, then $5 + 6 = 11$. Denominator: $1 + 1/3 = 4/3$. Then, $11 \div (4/3) = 11 \times 3/4 = 33/4$

Section 2: Decimals, Percentages, and Exponents (Questions 51–100)

Low Level Questions (Q51–60, 20% of Section)

51. Simplify: $2.5 + 1.5$.

- A) 4.0
- B) 3.5
- C) 3.0
- D) 4.5

Answer: A

Explanation: Add decimals: $2.5 + 1.5 = 4.0$.

52. Simplify: $7.2 - 3.6$.

- A) 3.6
- B) 4.0
- C) 4.4
- D) 3.2

Answer: A

Explanation: Subtract decimals: $7.2 - 3.6 = 3.6$.

53. Simplify: 4×2.5 .

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

Answer: C

Explanation: Multiply: $4 \times 2.5 = 10$.

54. Simplify: $15 \div 0.5$.

- A) 30
- B) 25
- C) 20
- D) 15

Answer: A

Explanation: Divide: $15 \div 0.5 = 15 \times 2 = 30$.

55. Simplify: 20% of 50.

- A) 10
- B) 12
- C) 14
- D) 16

Answer: A

Explanation: 20% of 50 = $(20/100) \times 50 = 10$.

56. Simplify: $2^2 \times 3$.

- A) 12
- B) 10
- C) 8
- D) 6

Answer: A

Explanation: First, $2^2 = 4$, then $4 \times 3 = 12$.

57. Simplify: 0.6×5 .

- A) 2.5
- B) 3.0
- C) 3.5
- D) 4.0

Answer: B

Explanation: Multiply: $0.6 \times 5 = 3.0$.

58. Simplify: 25% of 80.

- A) 15

B) 18

C) 20

D) 22

Answer: C

Explanation: $25\% \text{ of } 80 = (25/100) \times 80 = 20.$

59. Simplify: $3.2 + 4.8.$

A) 7.8

B) 8.0

C) 8.2

D) 8.4

Answer: B

Explanation: Add decimals: $3.2 + 4.8 = 8.0.$

60. Simplify: $5^3 \div 25.$

A) 5

B) 6

C) 7

D) 8

Answer: A

Explanation: First, $5^3 = 125$, then $125 \div 25 = 5.$

Medium Level Questions (Q61–90, 60% of Section)

61. Simplify: $0.4 \times 2.5 + 1.5.$

A) 2.5

B) 2.0

C) 1.5

D) 3.0

Answer: A

Explanation: First, $0.4 \times 2.5 = 1.0$, then $1.0 + 1.5 = 2.5.$

62. Simplify: $15\% \text{ of } 200 + 10.$

A) 40

B) 35

C) 30

D) 45

Answer: A

Explanation: $15\% \text{ of } 200 = (15/100) \times 200 = 30$, then $30 + 10 = 40$.

63. Simplify: $2.4 \div 0.6 \times 2$.

A) 8

B) 6

C) 4

D) 10

Answer: A

Explanation: First, $2.4 \div 0.6 = 4$, then $4 \times 2 = 8$.

64. Simplify: $3^2 + 4 \times 2$.

A) 17

B) 15

C) 13

D) 11

Answer: A

Explanation: BODMAS: $3^2 = 9$, $4 \times 2 = 8$, then $9 + 8 = 17$.

65. Simplify: $0.75 \times 8 - 2$.

A) 4

B) 5

C) 6

D) 7

Answer: A

Explanation: First, $0.75 \times 8 = 6$, then $6 - 2 = 4$.

66. Simplify: $20\% \text{ of } 150 - 10$.

A) 30

B) 25

C) 20

D) 35

Answer: C

Explanation: $20\% \text{ of } 150 = (20/100) \times 150 = 30$, then $30 - 10 = 20$.

67. Simplify: $2.5 \times 4 \div 2$.

- A) 5
- B) 6
- C) 7
- D) 8

Answer: A

Explanation: First, $2.5 \times 4 = 10$, then $10 \div 2 = 5$.

68. Simplify: $4^3 \div 8 + 2$.

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

Answer: C

Explanation: First, $4^3 = 64$, then $64 \div 8 = 8$, and $8 + 2 = 10$.

69. Simplify: $0.2 \times 50 + 5$.

- A) 15
- B) 14
- C) 13
- D) 12

Answer: A

Explanation: First, $0.2 \times 50 = 10$, then $10 + 5 = 15$.

70. Simplify: 30% of 60 + 12.

- A) 28
- B) 30
- C) 32
- D) 34

Answer: B

Explanation: $30\% \text{ of } 60 = (30/100) \times 60 = 18$, then $18 + 12 = 30$.

71. Simplify: $3.6 \div 0.9 \times 5$.

- A) 20

B) 18

C) 16

D) 14

Answer: A

Explanation: First, $3.6 \div 0.9 = 4$, then $4 \times 5 = 20$.

72. Simplify: $2^2 \times 3 + 6$.

A) 18

B) 16

C) 14

D) 12

Answer: A

Explanation: First, $2^2 = 4$, then $4 \times 3 = 12$, and $12 + 6 = 18$.

73. Simplify: $0.5 \times 12 - 3$.

A) 3

B) 4

C) 5

D) 6

Answer: A

Explanation: First, $0.5 \times 12 = 6$, then $6 - 3 = 3$.

74. Simplify: 25% of 120 + 5.

A) 30

B) 32

C) 34

D) 35

Answer: D

Explanation: $25\% \text{ of } 120 = (25/100) \times 120 = 30$, then $30 + 5 = 35$.

75. Simplify: $5.4 \div 0.6 + 2$.

A) 11

B) 12

C) 13

D) 14

Answer: A

Explanation: First, $5.4 \div 0.6 = 9$, then $9 + 2 = 11$.

76. Simplify: $3^3 - 10 \times 2$.

A) 7

B) 8

C) 9

D) 10

Answer: A

Explanation: First, $3^3 = 27$, $10 \times 2 = 20$, then $27 - 20 = 7$.

77. Simplify: $0.8 \times 10 + 4$.

A) 12

B) 11

C) 10

D) 9

Answer: A

Explanation: First, $0.8 \times 10 = 8$, then $8 + 4 = 12$.

78. Simplify: 40% of 50 – 5.

A) 15

B) 14

C) 13

D) 12

Answer: A

Explanation: 40% of 50 = $(40/100) \times 50 = 20$, then $20 - 5 = 15$.

79. Simplify: $2.5 \times 6 \div 3$.

A) 5

B) 6

C) 7

D) 8

Answer: A

Explanation: First, $2.5 \times 6 = 15$, then $15 \div 3 = 5$.

80. Simplify: $5^2 + 3 \times 4$.

- A) 35
- B) 37
- C) 33
- D) 31

Answer: B

Explanation: First, $5^2 = 25$, $3 \times 4 = 12$, then $25 + 12 = 37$.

81. Simplify: $0.3 \times 20 + 6$.

- A) 12
- B) 11
- C) 10
- D) 9

Answer: A

Explanation: First, $0.3 \times 20 = 6$, then $6 + 6 = 12$.

82. Simplify: 15% of 80 + 8.

- A) 20
- B) 19
- C) 18
- D) 17

Answer: A

Explanation: 15% of 80 = $(15/100) \times 80 = 12$, then $12 + 8 = 20$.

83. Simplify: $4.8 \div 0.8 \times 3$.

- A) 18
- B) 17
- C) 16
- D) 15

Answer: A

Explanation: First, $4.8 \div 0.8 = 6$, then $6 \times 3 = 18$.

84. Simplify: $2^3 \times 2 + 4$.

- A) 48
- B) 18

C) 20

D) 14

Answer: C

Explanation: First, $2^3 = 8$, then $8 \times 2 = 16$, and $16 + 4 = 20$.

85. Simplify: $0.6 \times 15 - 3$.

A) 8

B) 7

C) 6

D) 9

Answer: C

Explanation: First, $0.6 \times 15 = 9$, then $9 - 3 = 6$.

86. Simplify: 50% of $40 + 10$.

A) 32

B) 28

C) 26

D) 30

Answer: D

Explanation: 50% of $40 = (50/100) \times 40 = 20$, then $20 + 10 = 30$.

87. Simplify: $3.2 \div 0.4 \times 2$.

A) 16

B) 15

C) 14

D) 13

Answer: A

Explanation: First, $3.2 \div 0.4 = 8$, then $8 \times 2 = 16$.

88. Simplify: $4^2 - 5 \times 2$.

A) 6

B) 7

C) 8

D) 9

Answer: A

Explanation: First, $4^2 = 16$, $5 \times 2 = 10$, then $16 - 10 = 6$.

89. Simplify: $0.4 \times 25 + 5$.

- A) 16
- B) 14
- C) 13
- D) 15

Answer: D

Explanation: First, $0.4 \times 25 = 10$, then $10 + 5 = 15$.

90. Simplify: 20% of 100 + 5.

- A) 25
- B) 24
- C) 23
- D) 22

Answer: A

Explanation: 20% of 100 = $(20/100) \times 100 = 20$, then $20 + 5 = 25$.

High Level Questions (Q91–100, 20% of Section)

91. Simplify: $(0.5 \times 8 + 2) \div 0.2$.

- A) 32
- B) 25
- C) 30
- D) 15

Answer: C

Explanation: First, $0.5 \times 8 = 4$, then $4 + 2 = 6$. Divide: $6 \div 0.2 = 6 \times 5 = 30$.

92. Simplify: $(\frac{3}{5} \times 10 - 2) \times \frac{2}{3}$.

- A) $\frac{4}{3}$
- B) $\frac{8}{3}$
- C) $\frac{10}{3}$
- D) $\frac{14}{3}$

Answer: A

Explanation: First, $\frac{3}{5} \times 10 = 6$, then $6 - 2 = 4$. Multiply: $4 \times \frac{2}{3} = \frac{8}{3} \approx 4\frac{2}{3}$.

93. Simplify: $(2.4 + 1.6) \div 0.4 + 5$.

- A) 15
- B) 14
- C) 13
- D) 12

Answer: A

Explanation: First, $2.4 + 1.6 = 4$, then $4 \div 0.4 = 10$. Add: $10 + 5 = 15$.

94. Simplify: 25% of $(40 + 60) - 10$.

- A) 25
- B) 20
- C) 15
- D) 30

Answer: C

Explanation: Brackets: $40 + 60 = 100$, then 25% of $100 = 25$, and $25 - 10 = 15$.

95. Simplify: $(\frac{4}{5} \times 15 - 3) \div \frac{1}{3}$.

- A) 27
- B) 26
- C) 25
- D) 24

Answer: A

Explanation: First, $\frac{4}{5} \times 15 = 12$, then $12 - 3 = 9$. Divide: $9 \div \frac{1}{3} = 9 \times 3 = 27$.

96. Simplify: $(2^2 \times 5 - 10) \div 0.5$.

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

Answer: D

Explanation: First, $2^2 = 4$, $4 \times 5 = 20$, then $20 - 10 = 10$. Divide: $10 \div 0.5 = 20$.

97. Simplify: $(0.3 \times 20 + 4) \div 0.2$.

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

Answer: A

Explanation: First, $0.3 \times 20 = 6$, then $6 + 4 = 10$. Divide: $10 \div 0.2 = 50$.

98. Simplify: $(15\% \text{ of } 200 + 10) \times 2$.

- A) 80
- B) 75
- C) 70
- D) 65

Answer: A

Explanation: First, $15\% \text{ of } 200 = 30$, then $30 + 10 = 40$. Multiply: $40 \times 2 = 80$.

99. Simplify: $(3.6 \div 0.9 + 2) \times 3$.

- A) 18
- B) 17
- C) 16
- D) 15

Answer: A

Explanation: First, $3.6 \div 0.9 = 4$, then $4 + 2 = 6$. Multiply: $6 \times 3 = 18$.

100. Simplify: $(\frac{2}{3} \times 12 - 4) \div 0.5$.

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

Answer: A

Explanation: First, $\frac{2}{3} \times 12 = 8$, then $8 - 4 = 4$. Divide: $4 \div 0.5 = 8$.

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