

PART I – MULTIPLE CHOICE (1–40)

Directions: Choose the letter of the correct answer.

NOTE: For Liveworksheets dropdown, use this format:

{=C|A|B|C|D} (Correct answer first)

1. What is $864 \div 6$? **{=C|A|B|C|D}**
A. 124 B. 134 C. 144 D. 154
2. What is $1,008 \div 7$? **{=C|A|B|C|D}**
A. 124 B. 134 C. 144 D. 154
3. There are **936 candies** divided equally into **8 boxes**. How many candies are in each box?
{=B|A|B|C|D}
A. 107 B. 117 C. 112 D. 124
4. What is $2,304 \div 9$? **{=B|A|B|C|D}**
A. 246 B. 256 C. 266 D. 276
5. What is $3,045 \div 5$? **{=C|A|B|C|D}**
A. 509 B. 589 C. 609 D. 615
6. What is $7.2 \div 6$? **{=B|A|B|C|D}**
A. 0.12 B. 1.2 C. 12 D. 120
7. What is $9.6 \div 8$? **{=B|A|B|C|D}**
A. 0.12 B. 1.2 C. 1.8 D. 12
8. What is $4.5 \div 0.5$? **{=C|A|B|C|D}**
A. 0.9 B. 4 C. 9 D. 90
9. What is $12.6 \div 3$? **{=B|A|B|C|D}**
A. 3.2 B. 4.2 C. 5.2 D. 6.2
10. What is $15.75 \div 7$? **{=B|A|B|C|D}**
A. 2.15 B. 2.25 C. 2.35 D. 2.45
11. A rope is **18.4 meters** long and is cut into **4 equal parts**. How long is each part?
{=C|A|B|C|D}
A. 4.4 m B. 4.5 m C. 4.6 m D. 4.7 m
12. **9.6 liters** of juice is poured equally into **12 cups**. How many liters are in each cup?
{=C|A|B|C|D}
A. 0.6 B. 0.7 C. 0.8 D. 0.9
13. The average of **4 numbers** is **18**. What is their total sum? **{=C|A|B|C|D}**
A. 54 B. 62 C. 72 D. 80
14. The average of **5 numbers** is **24**. What is their total sum? **{=C|A|B|C|D}**
A. 100 B. 110 C. 120 D. 130
15. The scores are **18, 20, 16, 22, 24**. What is the average score? **{=C|A|B|C|D}**
A. 18 B. 19 C. 20 D. 21
16. The average of **3 numbers** is **15**. Two numbers are **12 and 18**. What is the missing number? **{=C|A|B|C|D}**
A. 10 B. 12 C. 15 D. 18
17. The average of **4 numbers** is **25**. Three numbers are **22, 30, and 28**. What is the missing number? **{=B|A|B|C|D}**
A. 18 B. 20 C. 22 D. 24

18. The average of **6 numbers** is **14**. Five numbers are **12, 13, 15, 16, and 14**. What is the missing number? {=C|A|B|C|D}
A. 10 B. 12 C. 14 D. 16
19. Liza read **24, 30, 28, and x** pages in 4 days. If the average is **27**, what is **x**? {=D|A|B|C|D}
A. 24 B. 26 C. 28 D. 30
20. The average of **5 numbers** is **19**. Four numbers are **15, 20, 18, and 17**. What is the 5th number? {=C|A|B|C|D}
A. 20 B. 21 C. 22 D. 25
21. What is **$8 + 4 \times 3$** ? {=B|A|B|C|D}
A. 12 B. 20 C. 24 D. 36
22. What is **$(18 - 6) \div 3$** ? {=C|A|B|C|D}
A. 2 B. 3 C. 4 D. 6
23. What is **$5 \times (12 - 7)$** ? {=A|A|B|C|D}
A. 25 B. 30 C. 35 D. 40
24. What is **$36 \div 6 + 7$** ? {=A|A|B|C|D}
A. 13 B. 14 C. 15 D. 16
25. What is **$9 + 24 \div 6$** ? {=D|A|B|C|D}
A. 11 B. 12 C. 13 D. 14
26. What is **$3 \times 4 + 18 \div 6$** ? {=B|A|B|C|D}
A. 12 B. 15 C. 18 D. 21
27. What is **$40 - (6 \times 4) + 2$** ? {=A|A|B|C|D}
A. 18 B. 16 C. 20 D. 22
28. What is **$(15 + 9) \div 6$** ? {=B|A|B|C|D}
A. 3 B. 4 C. 5 D. 6
29. What is **$7 \times 5 - 18 \div 3$** ? {=D|A|B|C|D}
A. 23 B. 25 C. 29 D. 31
30. What is **$6 + 2 \times (14 - 9)$** ? {=B|A|B|C|D}
A. 14 B. 16 C. 18 D. 20
31. Which number is divisible by **3**? {=B|A|B|C|D}
A. 124 B. 135 C. 142 D. 155
32. Which number is divisible by **5**? {=C|A|B|C|D}
A. 238 B. 341 C. 560 D. 673
33. Which number is divisible by **9**? {=C|A|B|C|D}
A. 126 B. 234 C. 315 D. 412
34. Which number is divisible by **10**? {=B|A|B|C|D}
A. 325 B. 460 C. 492 D. 555
35. Which number is **prime**? {=B|A|B|C|D}
A. 21 B. 29 C. 39 D. 49
36. Which number is **composite**? {=D|A|B|C|D}
A. 13 B. 17 C. 19 D. 27
37. Which number has **exactly two factors**? {=C|A|B|C|D}
A. 1 B. 9 C. 11 D. 15
38. What is the **smallest prime number**? {=B|A|B|C|D}
A. 1 B. 2 C. 3 D. 5

39. Which number is divisible by **2 and 3**? {=A|A|B|C|D}
A. 18 B. 25 C. 27 D. 35
40. Which number is **NOT** divisible by **4**? {=C|A|B|C|D}
A. 124 B. 216 C. 318 D. 400
-

PART II – TRUE OR FALSE (41–60)

Directions: Type **T** if True and **F** if False.

41. A prime number has exactly two factors. {=T}
42. The number 1 is a prime number. {=F}
43. Any number divisible by 10 ends in 0. {=T}
44. Any even number is divisible by 2. {=T}
45. 36 is divisible by 9. {=T}
46. 49 is a composite number. {=T}
47. The factors of 12 are 1, 2, 3, 4, 6, and 12. {=T}
48. 15 is divisible by 4. {=F}
49. 27 is divisible by 3. {=T}
50. A number divisible by 5 must end in 0 or 5. {=T}
51. In PEMDAS, multiplication comes before addition. {=T}
52. $8 + 6 \times 2 = 28$. {=F}
53. $(20 - 8) \div 4 = 4$. {=F}
54. The average of 3 numbers is found by dividing their sum by 3. {=T}
55. If the average of 5 numbers is 10, then their sum is 50. {=T}
56. 0.5 is equal to 5 tenths. {=T}
57. $7.2 \div 8 = 0.9$. {=T}
58. A multiple of a number is always greater than the number. {=F}
59. The prime factorization of 18 is 2×9 . {=F}
60. 100 is divisible by 4. {=T}
-

PART III – IDENTIFICATION (61–70)

Directions: Type the correct answer.

61. A number that has more than two factors is called a {=composite number}.
62. A number that has exactly two factors is called a {=prime number}.
63. The smallest composite number is {=4}.
64. The prime factorization of 12 is {=2×2×3}.
65. The prime factorization of 30 is {=2×3×5}.
66. The GCF of 12 and 18 is {=6}.
67. The LCM of 6 and 8 is {=24}.

68. The average of 10, 12, and 14 is **{=12}**.
69. The average of 3 numbers is 9. Two numbers are 8 and 10. The missing number is **{=9}**.
70. In PEMDAS, the letter "E" stands for **{=exponents}**.
-

PART IV – PROBLEM SOLVING / ENUMERATION (71–80)

Directions: Solve and type your final answer.

71. $2,520 \div 9 = \mathbf{\{=280\}}$
72. $3.6 \div 0.3 = \mathbf{\{=12\}}$
73. The average of 6 numbers is 20. What is their total sum? **{=120}**
74. The average of 4 numbers is 16. Three numbers are 14, 18, and 15. The missing number is **{=17}**
75. $48 - 6 \times 5 + 12 \div 3 = \mathbf{\{=22\}}$
76. The GCF of 24 and 36 is **{=12}**
77. The LCM of 9 and 12 is **{=36}**
78. The prime factorization of 84 is **{=2×2×3×7}**
79. The first 5 multiples of 7 are **{=7,14,21,28,35}**
80. 96 pencils divided equally among 8 students = **{=12}**