Name: _____ Date: _____

# BODMAS

Classes 5–7 • 36 questions • Part A: Division and Multiplication before Addition and Subtraction

1. 29 + 8 × 6 = _____
2. 30 − 6 ÷ 3 = _____
3. 30 × 6 − 4 = _____
4. 30 ÷ 6 + 4 = _____
5. 40 + 6 × 4 − 4 = _____
6. 32 × 9 + 8 ÷ 2 = _____
7. 19 − 5 × 3 + 6 = _____
8. 10 + 7 × 9 = _____
9. 24 − 6 ÷ 3 = _____
10. 22 × 8 − 4 = _____

Part B • “Of” means multiply, and it comes before the other ×, ÷, + and −

11. ½ of 12 + 3 = _____
12. ¼ of 36 × 5 = _____
13. ⅓ of 27 − 1 = _____
14. 59 − ½ of 14 = _____

Part C • Brackets: ( ) first, then [ ], then { }

15. 5 × [5 + (4 − 2)] = _____
16. [(6 + 2) × 6] ÷ 2 = _____
17. {49 − [4 + (6 × 3)]} = _____
18. 45 + [6 × (5 + 2)] = _____
19. 3 × [6 + (6 − 2)] = _____
20. [(5 + 6) × 4] ÷ 4 = _____

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Brackets, then Orders (powers and “of”), then Division and Multiplication left to right, then Addition and Subtraction left to right.

Example: 30 − ½ of 8 × 2 → ½ of 8 = 4 → 4 × 2 = 8 → 30 − 8 = 22

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Part D • Orders (powers) • Part E: true or false? • Part F: shopping problems in ₹

21. $8 + 2^2$ = _____ 22. $(5 + 5)^2 \div 5$ = _____

23. $6^2 - 3 \times 2$ = _____ 24. $2 \times 3^2 - 6$ = _____

25. $9 + 5^2$ = _____ 26. $(4 + 5)^2 \div 3$ = _____

Part E • True or false? If false, write the correct answer

27. $23 - 5 + 2 = 16$ _____ 28. $12 \div 3 \times 2 = 8$ _____

29. $36 + 4 \times 3 = 120$ _____ 30. $36 - 2 \div 2 = 35$ _____

Part F • Write one BODMAS expression for each, then work it out

31. 3 notebooks at ₹45 each and a pen for ₹20.

Answer: _____

32. ₹500 minus 4 snacks at ₹35 each.

Answer: _____

33. A ₹600 bill plus ₹40 tip, shared equally by 4 friends.

Answer: _____

34. Half of ₹180, plus ₹25 bus fare.

Answer: _____

35. 2 kg apples at ₹120 a kg and 3 kg onions at ₹40 a kg.

Answer: _____

36. ₹1000 shared by 5, then each spends ₹75.

Answer: _____

# Answer Key — BODMAS

1. 77
2. 28
3. 176
4. 9
5. 60
6. 292
7. 10
8. 73
9. 22
10. 172
11. 9
12. 45
13. 8
14. 52
15. 35
16. 24
17. 27
18. 87
19. 30
20. 11
21. 12
22. 20
23. 30
24. 12
25. 34
26. 27
27. False, 20
28. True
29. False, 48
30. True
31. 3 × 45 + 20 = ₹155
32. 500 − 4 × 35 = ₹360
33. (600 + 40) ÷ 4 = ₹160
34. ½ of 180 + 25 = ₹115
35. 2 × 120 + 3 × 40 = ₹360
36. 1000 ÷ 5 − 75 = ₹125