

## PEMDAS • Advanced • Set 3 — Answer Key

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|-------------------------------|-----------------------------|
| 1. $5 + 3 \times 5^2 = 80$    | 2. $(13 - 2)^2 = 121$       |
| 3. $3 \times (4 - 2)^2 = 12$  | 4. $(11 - 2)^2 = 81$        |
| 5. $(7 - 3)^2 = 16$           | 6. $14 + 6 \times 2^2 = 38$ |
| 7. $3^2 + 17 = 26$            | 8. $2^3 - 2 = 6$            |
| 9. $2 \times (5 - 4)^2 = 2$   | 10. $7^2 + 4^2 = 65$        |
| 11. $8^2 + 14 = 78$           | 12. $3^3 - 8 = 19$          |
| 13. $(4 + 2)^2 - 35 = 1$      | 14. $7^2 + 28 = 77$         |
| 15. $4^2 + 15 = 31$           | 16. $8^2 + 8 = 72$          |
| 17. $6 + 3 \times 4^2 = 54$   | 18. $9 + 2 \times 3^2 = 27$ |
| 19. $3 \times (6 - 4)^2 = 12$ | 20. $8^2 + 10 = 74$         |