

1.6 ORDER OF OPERATIONS (BEDMAS)

B BRACKETS	E EXPONENTS	D DIVIDE	M MULTIPLY	A ADD	S SUBTRACT
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The chart above shows the order in which operations must be completed when doing a question that has more than one operation. The examples below show the correct procedure you must use when calculating number expressions.

A. Calculate each of the following using the rules for order of operations.

$$\left. \begin{array}{l} 1. 29 + 13 - 5 + 10 \\ \quad \quad \quad 47 \end{array} \right\}$$

$$\left. \begin{array}{l} 2. 36 \div (3 \times 4) + 7 \\ \quad \quad \quad 10 \end{array} \right\}$$

$$\left. \begin{array}{l} 3. 45 \div 15 + 15 - 8 \\ \quad \quad \quad 10 \end{array} \right\}$$

$$\left. \begin{array}{l} 4. 13 + 14 - 5 \times 2 \\ \quad \quad \quad 17 \end{array} \right\}$$

$$\left. \begin{array}{l} 5. 132 \div 12 \times 6 \\ \quad \quad \quad 66 \end{array} \right\}$$

$$\left. \begin{array}{l} 6. 13 - 5 - 4 - 2 + 4 \\ \quad \quad \quad 6 \end{array} \right\}$$

$$\left. \begin{array}{l} 7. (9 - 8) \times 15 - 2 \\ \quad \quad \quad 13 \end{array} \right\}$$

$$\left. \begin{array}{l} 8. 24 - 2 \times 12 + 19 \\ \quad \quad \quad 19 \end{array} \right\}$$

$$\left. \begin{array}{l} 9. 23 + 34 - 8 - 9 - 7 \\ \quad \quad \quad 33 \end{array} \right\}$$

$$\left. \begin{array}{l} 10. 5 \times (10 - 6) + 3 \\ \quad \quad \quad 23 \end{array} \right\}$$

$$\left. \begin{array}{l} 11. 14 + 0 \times 4 + 15 \\ \quad \quad \quad 29 \end{array} \right\}$$

$$\left. \begin{array}{l} 12. 36 \times 3 - 15 \times 3 \\ \quad \quad \quad 63 \end{array} \right\}$$

$$\left. \begin{array}{l} 13. 6 \times 5 \div 3 \div 5 \\ \quad \quad \quad 2 \end{array} \right\}$$

$$\left. \begin{array}{l} 14. 3 + 8 + 17 - 2 \\ \quad \quad \quad 26 \end{array} \right\}$$

$$\left. \begin{array}{l} 15. (54 - 8) \div 2 \\ \quad \quad \quad 23 \end{array} \right\}$$

$$\left. \begin{array}{l} 16. 50 \times 2 - 15 \times 4 \\ \quad \quad \quad 12 \end{array} \right\}$$

$$\left. \begin{array}{l} 17. 50 \div 5 \times 8 + 10 \\ \quad \quad \quad 58 \end{array} \right\}$$

$$\left. \begin{array}{l} 18. 0 \times 5 \div 5 \div 2 \\ \quad \quad \quad 3 \end{array} \right\}$$

$$\left. \begin{array}{l} 19. 20 + 3 \times 14 - 6 \\ \quad \quad \quad 56 \end{array} \right\}$$

$$\left. \begin{array}{l} 20. 48 \div 4 + 3 \times 8 - 6 \\ \quad \quad \quad 30 \end{array} \right\}$$

$$\left. \begin{array}{l} 21. 64 \div (16 \times 2) \\ \quad \quad \quad 2 \end{array} \right\}$$

$$\left. \begin{array}{l} 22. 17 + 96 \div 3 \\ \quad \quad \quad 49 \end{array} \right\}$$

$$\left. \begin{array}{l} 23. 3 \times 9 - 15 \div 5 \\ \quad \quad \quad 24 \end{array} \right\}$$

$$\left. \begin{array}{l} 24. 200 \div 4 - 25 \times 2 \\ \quad \quad \quad 0 \end{array} \right\}$$

$$\left. \begin{array}{l} 25. 9 + 8 \div 8 + 9 \\ \quad \quad \quad 19 \end{array} \right\}$$

$$\left. \begin{array}{l} 26. 103 - 3 \times 30 - 13 \\ \quad \quad \quad 0 \end{array} \right\}$$

$$\left. \begin{array}{l} 27. 5 + (18 - 6) \times 2 \div 4 \\ \quad \quad \quad 11 \end{array} \right\}$$

$$\left. \begin{array}{l} 28. 9 \div 3 \times 3 + 7 \\ \quad \quad \quad 16 \end{array} \right\}$$

$$\left. \begin{array}{l} 29. (27 \div 3) \times 6 + 51 \\ \quad \quad \quad 105 \end{array} \right\}$$

$$\left. \begin{array}{l} 30. 5 \times 4 \times 2 + 4 + 9 \\ \quad \quad \quad 53 \end{array} \right\}$$