

Bodmas / Bidmas

Exercise A Evaluate

- $2 + 3 \times 5$
- $5 \times 2 + 6$
- $20 - 2 \times 4$
- $30 - 5^2$
- $6 + 3^2 \times 2$
- $4 \times 5 - (6 + 9)$
- $28 \div 4 + 3$
- $(17 - 2) \div 3$
- $20 \div (2 + 3)$
- $(24 - 6) \div 3$
- $30 - 9 \times 2$
- $(45 - 5) \div 8 + 2$
- $20 + 2 \times 3^2$
- $15 \div 3 + 2$
- $5^2 - 2 \times 4$
- $24 \div 3 + 5$
- $12 - 3 \times 2^2$
- $18 + 10 \div 2$
- $(6 \times 3 + 2) \div (4 + 2 \times 3)$
- $50 - 16 \div 2 + 6$
- $7 \times 6 - 5 \times 4 + 1 \times 3$
- $7 \times (15 - 3 \times 2)$
- $40 \div (2 + 3 \times 2)$
- $60 - (7^2 + 2 \times 5)$
- $36 \div 3^2 + (12 \div 3)^2$
- $22 + 6^2 \div 2 + 1$
- $10 - (9 \div 3^2 + 4)$
- $6 + 2(3 + 2^2)$
- $5(9 - 3 \times 2)$
- $2 \times 3 + 24 \div 6$
- $\frac{14 + 3 \times (9 + 3)}{6 \times 4 + 1}$
- $\frac{8 + 9 \times 3}{6 - 1}$
- $1 + 3 \times (6^2 - 4 \times 3^2 + 8)$
- $1 + 3^2 \times 4 - 3 \times 2^3$
- $(10 + 2 \times 4^2) \div 6 + 3 \times 5$
- $((3 \times 5^2 - 3) \div (3^2 + 3)) \times 2^2$



Exercise B Insert brackets to make each calculation correct. We only add brackets when needed so some questions will not need brackets, which ones?

- $14 + 1 \div 3 = 5$
- $18 \div 6 + 3 = 2$
- $20 \div 4 + 1 = 6$
- $16 - 12 \div 4 = 13$
- $6 + 5 \times 2 = 22$
- $12 - 3 \times 2 = 18$
- $7 \times 2 + 3 + 1 = 36$
- $30 - 2 \div 2 + 5 = 4$
- $24 - 4 \times 5 - 1 = 3$
- $16 + 4 \times 2 \div 5 = 8$
- $16 + 4 \times 2 \div 3 = 8$
- $20 + 12 \div 3 + 1 = 23$

Exercise C Insert the correct symbols: (,) , + , - , \times , \div to make each calculation correct.

- $10 \quad 2 \quad 3 = 16$
- $30 \quad 2 \quad 3 = 24$
- $30 \quad 2 \quad 3 = 18$
- $5 \quad 4 \quad 3 = 27$
- $2 \quad 4 \quad 3 = 11$
- $4 \quad 4 \quad 2 \quad 7 = 30$
- $4 \quad 24 \quad 8 = 1$
- $20 \quad 5 \quad 3 = 5$
- $17 \quad 3 \quad 2 = 7$
- $17 \quad 4 \quad 4 \quad 3 = 3$
- $3 \quad 5 \quad 4 = 27$
- $40 \quad 5 \quad 3 = 5$
- $16 \quad 5 \quad 3 \quad 1 = 3$
- $5 \quad 4 \quad 6 \quad 2 = 25$
- $5 \quad 4 \quad 14 \quad 2 = 13$



Answers

A

- | | | | | | |
|-----|----|-----|----|-----|--------------------------------------|
| 1) | 17 | 2) | 16 | 3) | 12 |
| 4) | 5 | 5) | 24 | 6) | 5 |
| 7) | 10 | 8) | 5 | 9) | 4 |
| 10) | 6 | 11) | 12 | 12) | 7 |
| 13) | 38 | 14) | 7 | 15) | 17 |
| 16) | 13 | 17) | 0 | 18) | 23 |
| 19) | 2 | 20) | 36 | 21) | 23 |
| 22) | 63 | 23) | 5 | 24) | 1 |
| 25) | 20 | 26) | 41 | 27) | 5 |
| 28) | 20 | 29) | 15 | 30) | 10 |
| 31) | 2 | 32) | 7 | 33) | 25 |
| 34) | 13 | 35) | 2 | 36) | $72 / 12 \times 4 = 6 \times 4 = 24$ |

B

- | | | | | | |
|-----|-------------------------|-----|-------------------------|-----|-------------------------|
| 1) | $(14+1) / 3$ | 2) | $18 / (6+3)$ | 3) | $(20/4) + 1$ |
| 4) | $16 - (12/4)$ | 5) | $(6+5) \times 2$ | 6) | $(12-3) \times 2$ |
| 7) | $7 \times (2+3) + 1$ | 8) | $(30-2) / (2+5)$ | 9) | $24 - (4 \times 5) - 1$ |
| 10) | $((16+4) \times 2) / 5$ | 11) | $(16+(4 \times 2)) / 3$ | 12) | $20 + ((12/3+1)$ |

C

- | | | | | | |
|-----|-------------------------|-----|----------------------|-----|-------------------------------|
| 1) | $10 + (2 \times 3)$ | 2) | $30 - (2 \times 3)$ | 3) | $(30/2) + 3$ |
| 4) | $(5+4) \times 3$ | 5) | $(2 \times 4) + 3$ | 6) | $(4 \times 4) + (2 \times 7)$ |
| 7) | $4 - (24/8)$ | 8) | $(20-5) / 3$ | 9) | $(17-3) / 2$ |
| 10) | $(17-(4 \times 4)) / 3$ | 11) | $3 \times (5+4)$ | 12) | $(40/5) - 3$ |
| 13) | $16 / (5+3) - 1$ | 14) | $5 \times ((4+6)/2)$ | 15) | $(5-4) + 14 - 2$ |