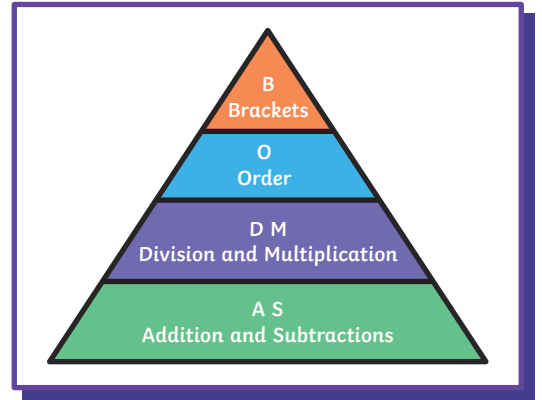


# BODMAS

Here are some multi-step calculations. Complete the underlined part of the expression first and then use the answer to that to complete the calculation.

Here is an example:  $3 \times (\underline{2 + 6})$   
 $3 \times 8 = 24$



1)  $7 \times (\underline{8 - 3})$

2)  $7 + \underline{9 \times 2}$

3)  $10 \div (\underline{6 - 4})$

4)  $12 \div (\underline{7 - 4})$

5)  $(\underline{8 + 9}) + 6^2$

6)  $21 \div (\underline{4 + 3})$

7)  $10 - \underline{9 \div 3}$

8)  $7 + \underline{6 \times 4}$

9)  $(\underline{12 + 20}) \div 4$

10)  $(\underline{13 - 6}) \times 5$

11)  $9 \times (\underline{3 + 3})$

12)  $2^3 - (\underline{3 + 1})$

13)  $(\underline{10 + 5}) \div 5$

14)  $12 \div (\underline{7 - 4})$

15)  $(\underline{11 - 3}) \times 7$

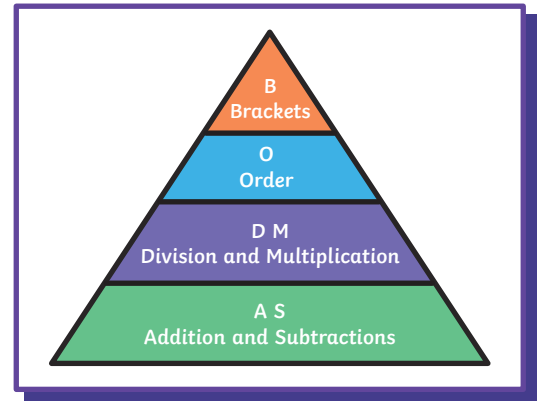
Decide which part of each calculation to calculate first, underline and complete as above.

16)  $(\underline{12 - 7}) \times 8$

17)  $9 + \underline{2 \times 7}$

18)  $18 \div (\underline{8 - 2})$

# BODMAS



Calculate:

1)  $(12 + 8) \div 4 =$

2)  $(5^2 + 10) \div 5 =$

3)  $(8 + 9) + 6^2 =$

4)  $4 \times 6 - 14 =$

5)  $18 \div (4 + 5) =$

6)  $(21 - 9) \times 2 =$

7)  $8 \times 3 + 6 =$

8)  $3 \times (15 - 9) =$

9)  $6^3 - (35 + 12) =$

10)  $(14 + 21) \div 5 =$

11)  $(8 + 13) \div 7 =$

12)  $25 - 11 \times 2 =$

13)  $(7^2 + 11) \div 5 =$

14)  $9 \div (10 - 7) =$

15)  $26 - 3 \times 7 =$

Complete these calculations by filling in the missing number.

16)  $4 \times \square - 25 = 23$

17)  $(26 - 10) \div \square = 4$

18)  $60 = 5 \times (3 + \square)$

19)  $(5 + 9) \div \square = 2$

20)  $9 \times (12 - \square) = 63$

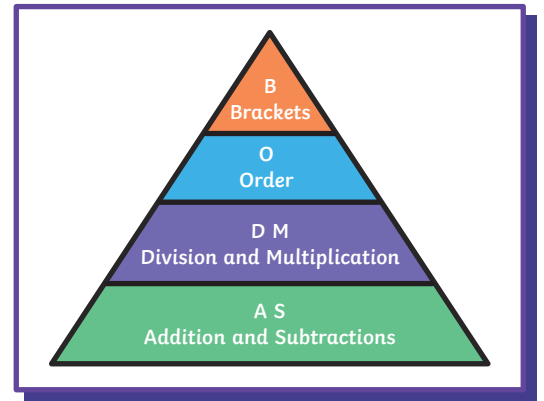
21)  $45 = (5 + \square) \times 5$

22)  $\square \div (7 - 2) = 3$

23)  $8^2 + (66 - \square) = 86$

24)  $6 = \square \div (11 - 4)$

# BODMAS



Calculate:

- |  |   |
|--|---|
| 1) $(3 + 6) \times (8 - 5) =$ <input type="text"/> | 2) $7 + 8 \times 9 - 4 =$ <input type="text"/>      |
| 3) $8 \times (6 + 3) + 5 =$ <input type="text"/>   | 4) $(19 - 7) + 8^2 + 9 =$ <input type="text"/>      |
| 5) $9 \times (5 + 6) + 4 =$ <input type="text"/>   | 6) $8 \div (7 - 5) \times 6 =$ <input type="text"/> |
| 7) $9 \times 3 + 18 \div 9 =$ <input type="text"/> | 8) $(124 \div 2) \times 2^2 =$ <input type="text"/> |
| 9) $23 - 3 \times (5 + 8) =$ <input type="text"/>  | 10) $8 + 7 \times (12 - 5) =$ <input type="text"/>  |

If needed, put brackets in the calculations to make the answers correct.

- |                                    |                                 |
|------------------------------------|---------------------------------|
| 11) $6 \times 7 - 4 \times 8 = 10$ | 12) $8 \times 9 - 5 - 6 = 26$   |
| 13) $24 - 17 \times 8 - 16 = 40$   | 14) $14 + 6 \times 4 - 32 = 6$  |
| 15) $9 \times 7 - 6 \times 3 = 27$ | 16) $8 \times 7 - 4 \div 6 = 4$ |
| 17) $9 + 23 - 5 \times 5 = 7$      | 18) $5 + 11 \div 7 - 3 = 4$     |
| 19) $7 + 6 \times 12 - 7 = 37$     | 20) $15 + 9 \div 6 - 4 = 0$     |

21) Use all of the following numbers to create a calculation and then solve it using order of operations: 3, 4, 6, 12

Using your own number cards, challenge a partner to create a calculation with a given answer.

# BODMAS Answers



$1) 7 \times 5 = \mathbf{35}$

$2) 7 + 18 = \mathbf{25}$

$3) 10 \div 2 = \mathbf{5}$

$4) 12 - 3 = \mathbf{4}$

$5) (8 + 9) + 6^2 = \mathbf{53}$

$6) 21 \div 7 = \mathbf{3}$

$7) 10 - 3 = \mathbf{7}$

$8) 7 + 24 = \mathbf{31}$

$9) 32 \div 4 = \mathbf{8}$

$10) 7 \times 5 = \mathbf{35}$

$11) 9 \times 6 = \mathbf{54}$

$12) 2^3 - (3 + 1) = \mathbf{4}$

$13) 15 \div 5 = \mathbf{3}$

$14) 12 \div 3 = \mathbf{4}$

$15) 8 \times 7 = \mathbf{56}$

$16) (12 - 7) \times 8 = \mathbf{40}$

$9 + 2 \times 7 = \mathbf{23}$

$18 \div (8 - 2) = \mathbf{3}$



$1) (12 + 8) \div 4 = \mathbf{5}$

$2) (5^2 + 10) \div 5 = \mathbf{7}$

$3) (8 + 9) + 6^2 = \mathbf{53}$

$4) 4 \times 6 - 14 = \mathbf{10}$

$5) 18 \div (4 + 5) = \mathbf{2}$

$6) (21 - 9) \times 2 = \mathbf{24}$

$7) 8 \times 3 + 6 = \mathbf{30}$

$8) 3 \times (15 - 9) = \mathbf{18}$

$9) 6^3 - (35 + 12) = \mathbf{169}$

$10) (14 + 21) \div 5 = \mathbf{7}$

$11) (8 + 13) \div 7 = \mathbf{3}$

$12) 25 - 11 \times 2 = \mathbf{3}$

$13) (7^2 + 11) \div 5 = \mathbf{12}$

$14) 9 \div (10 - 7) = \mathbf{3}$

$15) 26 - 3 \times 7 = \mathbf{5}$

$16) 4 \times \mathbf{12} - 25 = 23$

$17) (26 - 10) \div \mathbf{4} = 4$

$18) 60 = 5 \times (3 + \mathbf{9})$

$19) (5 + 9) \div \mathbf{7} = 2$

$20) 9 \times (12 - \mathbf{5}) = 63$

$21) 45 = (5 + \mathbf{4}) \times 5$

$22) \mathbf{15} \div (7 - 2) = 3$

$23) 8^2 + (66 - \mathbf{44}) = 86$

$24) 6 = \mathbf{42} \div (11 - 4)$



$1) (3 + 6) \times (8 - 5) = \mathbf{27}$

$2) 7 + 8 \times 9 - 4 = \mathbf{75}$

$3) 8 \times (6 + 3) + 5 = \mathbf{77}$

$4) (19 - 7) + 8^2 + 9 = \mathbf{85}$

$5) 9 \times (5 + 6) + 4 = \mathbf{103}$

$6) 8 \div (7 - 5) \times 6 = \mathbf{24}$

$7) 9 \times 3 + 18 \div 9 = \mathbf{29}$

$8) (124 \div 2) \times 2^2 = \mathbf{248}$

$9) 23 - 3 \times (5+8) = \mathbf{-16}$

$10) 8 + 7 \times (12 - 5) = \mathbf{57}$

$11) \mathbf{no brackets needed}$

$12) 8 \times (9 - 5) - 6 = 26$

$13) (24 - 17) \times 8 - 16 = 40$

$14) \mathbf{no brackets needed}$

$15) 9 \times (7 - 6) \times 3 = 27$

$16) 8 \times (7 - 4) \div 6 = 4$

$17) \mathbf{no brackets needed}$

$18) (5 + 11) \div (7 - 3) = 4$

$19) 7 + 6 \times (12 - 7) = 37$

$20) (15 + 9) \div 6 - 4 = 0$

$21) \mathbf{6 + 4 + 3 - 12 = 1}$

$\mathbf{12 \div 6 \times (4 - 3) = 2}$

$\mathbf{12 \div 6 + 4 - 3 = 3}$

$\mathbf{6 \times 4 \div 12 + 3 = 5}$

$\mathbf{12 - 3 \times 4 + 6 = 6}$

$\mathbf{(4 \times 3) - (12 \div 6) = 10}$

$\mathbf{(12 \times 3) - (6 \times 4) = 12}$

$\mathbf{(4 + 6) \times 3 - 12 = 18}$

$\mathbf{(4 + 6) \times 12 \div 3 = 40}$