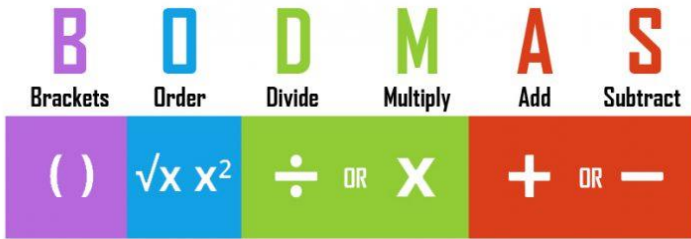


6.2.23 - Maths Home Learning



In maths, there is a rule called 'BODMAS'. This tells you the order you have to complete each calculation in a number sentence. B stands for brackets, O is order (this means squaring or cubing), D is division, M is multiplication, A is addition and S is subtraction.

This means that if there was a problem: 8×3^2 you would have to do 3^2 first because 'order' comes before 'multiplication'. So you would have to do $3^2 = 9$ and then $8 \times 9 = 72$.

Or if the problem was $5 + 100 \div 5$ you would have to do $100 \div 5 = 20$ first and then $5 + 20 = 25$. This is because 'divide' comes before 'add'.

Learn more about the order of operations here: <https://www.bbc.co.uk/bitesize/topics/z69k7ty/articles/z24ctv4>

When you are ready, complete these questions:

- 1) $12 - 5 \times 2 =$
- 2) $(6 \times 5) + 7 =$
- 3) $45 + 3 \times 4 =$
- 4) $6 + (50 - 40) =$
- 5) $5^2 + 45 =$
- 6) $24 - 49 \div 7 =$
- 7) $65 \times 5 - 120 =$
- 8) $750 + 34 \times 6 =$
- 9) $324 - 17 \times 5 =$
- 10) $(1000 - 43) \times 8 =$
- 11) $45 \times 12 + 49 =$
- 12) $2345 - 38 \times 23 =$
- 13) $(4800 \div 600)^2 =$
- 14) $540 + 234 \times 23 =$

Challenge:

Dora saves £100 and is given £25 by her gran.

She buys 7 books, each costing £5 and 7 pens each costing £2

Write a calculation with brackets to work out how much money Dora has left.