

ORDER OF PRIORITY

brackets

then **multiply** or **divide**

then **add** or **subtract**

If operations have the **same** priority, work from left to right

• $3 + 4 \times 5 - 6$
= $3 + 20 - 6$ multiply
= $23 - 6$ add
= 17 subtract

• $(3 + 4) \times 5 - 6$
= $7 \times 5 - 6$ bracket
= $35 - 6$ multiply
= 29 subtract

1

• $18 \div 3 \times 2$
= 6×2 divide
= 12 multiply

• $18 \div (3 \times 2)$
= $18 \div 6$ bracket
= 3 divide

2

• 2×3^2
= 2×9 square
= 18 multiply

• $(2 \times 3)^2$
= 6^2 bracket
= 36 square

3

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• WE DO NOT . . .

 work from left to right unless operations have the same priority