

# How does your calculator do Maths

## Order of Operations

### Mathematical Operations

Addition   Brackets   Multiplication   Division   Indices (powers)   Subtraction

Type the following questions into your calculator. Write down the answer and underline which operation the calculator must have done first. The first question has been completed for you

Q1	$3 + \underline{6 \times 2} =$	15	Q9	$(12 - 5) \times 2 =$	
Q2	$10 - 5 \times 2 =$		Q10	$13 - (8 \div 4) =$	
Q3	$5 \times 1 - 7 =$		Q11	$3(5 - 1) =$	
Q4	$6 \div 3 + 7 =$		Q12	$(4 - 1)^2 =$	
Q5	$10 - 8 \div 2 =$		Q13	$(3 + 1)^2 - 7 =$	
Q6	$10 \times 2 \div 4 =$		Q14	$10 \times (8 - 6) =$	
Q7	$8 \div 4 \times 2 =$		Q15	$2^3 - 1 =$	
Q8	$9 + 2 - 8 =$		Q16	$10 + 2 \times 3 - 7 =$	

Which of the operations does the calculator always do first? \_\_\_\_\_

Place the operations in order

Addition  
Brackets  
Multiplication  
Division  
Indices (powers)  
Subtraction

1 <sup>st</sup>	
2 <sup>nd</sup>	
3 <sup>rd</sup>	
4 <sup>th</sup>	
5 <sup>th</sup>	
6 <sup>th</sup>	

Complete the hierarchy triangle below

