اللهم صلي وسلم وبارك علي سيدنا محمد

وعلي اله وأصحابه أجمعين

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26+ years of experience

مهم جداً
هذا الملف للمراجعة السريعة واخذ الملاحظات عليه فقط ،لانه يحتوي
على اقل من 20٪ مما يتم شرحه في الفيديوهات
الاستعجال والاعتماد عليه فقط سوف يجعلك تخسر كميه معلومات
وخبرات كثيره
يجب عليك مشاهدة فيديو الدرس كاملا
لاتنسى عمل لايك ومشاركة القناة لتعم الفائدة للجميع
لا تنسونا من دعائكم
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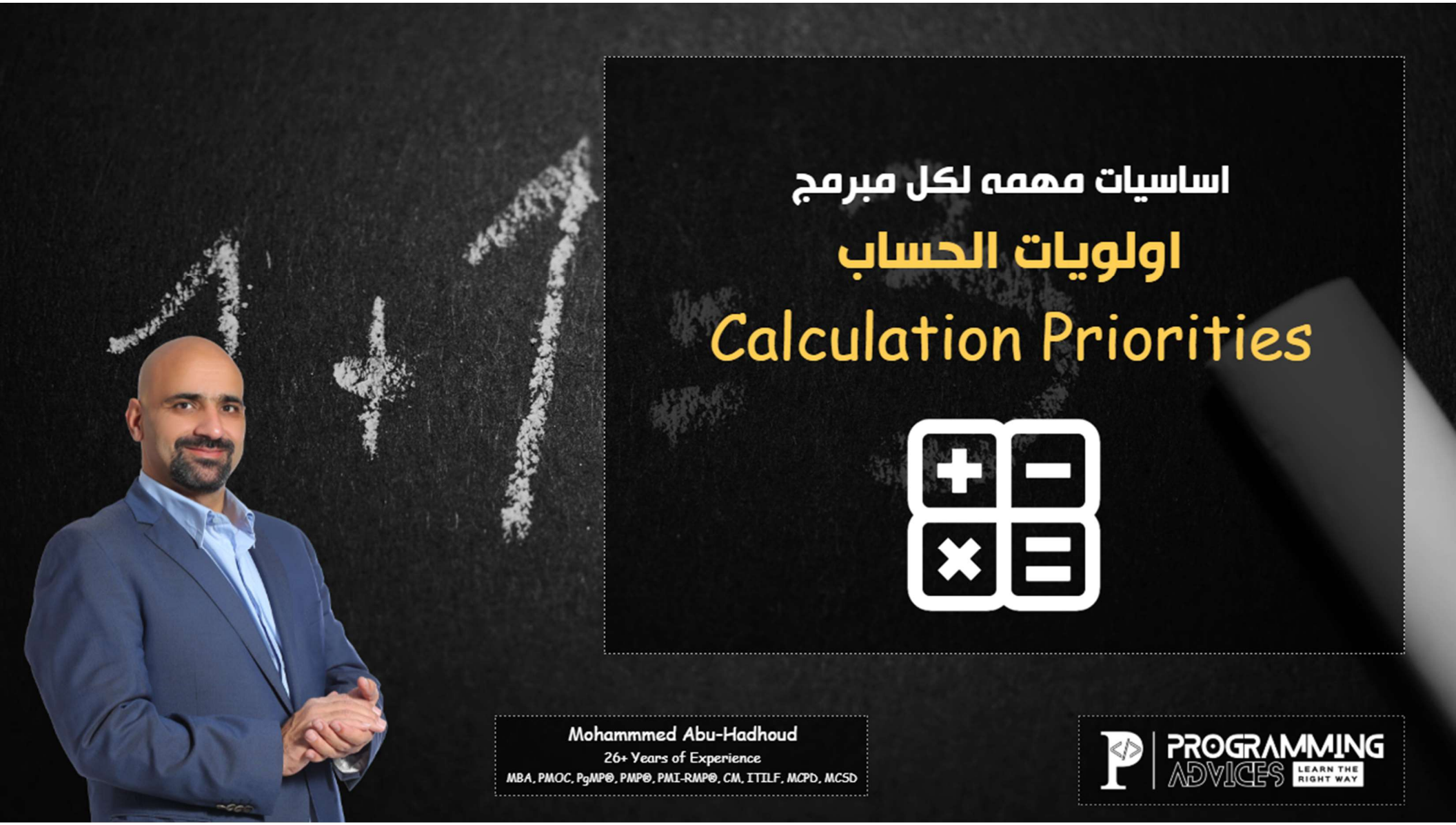
ADVICES
LEARN THE
RIGHT WAY


اساسيات مهمه لكل مبرمج
اولويات الحساب
Calculation Priorities
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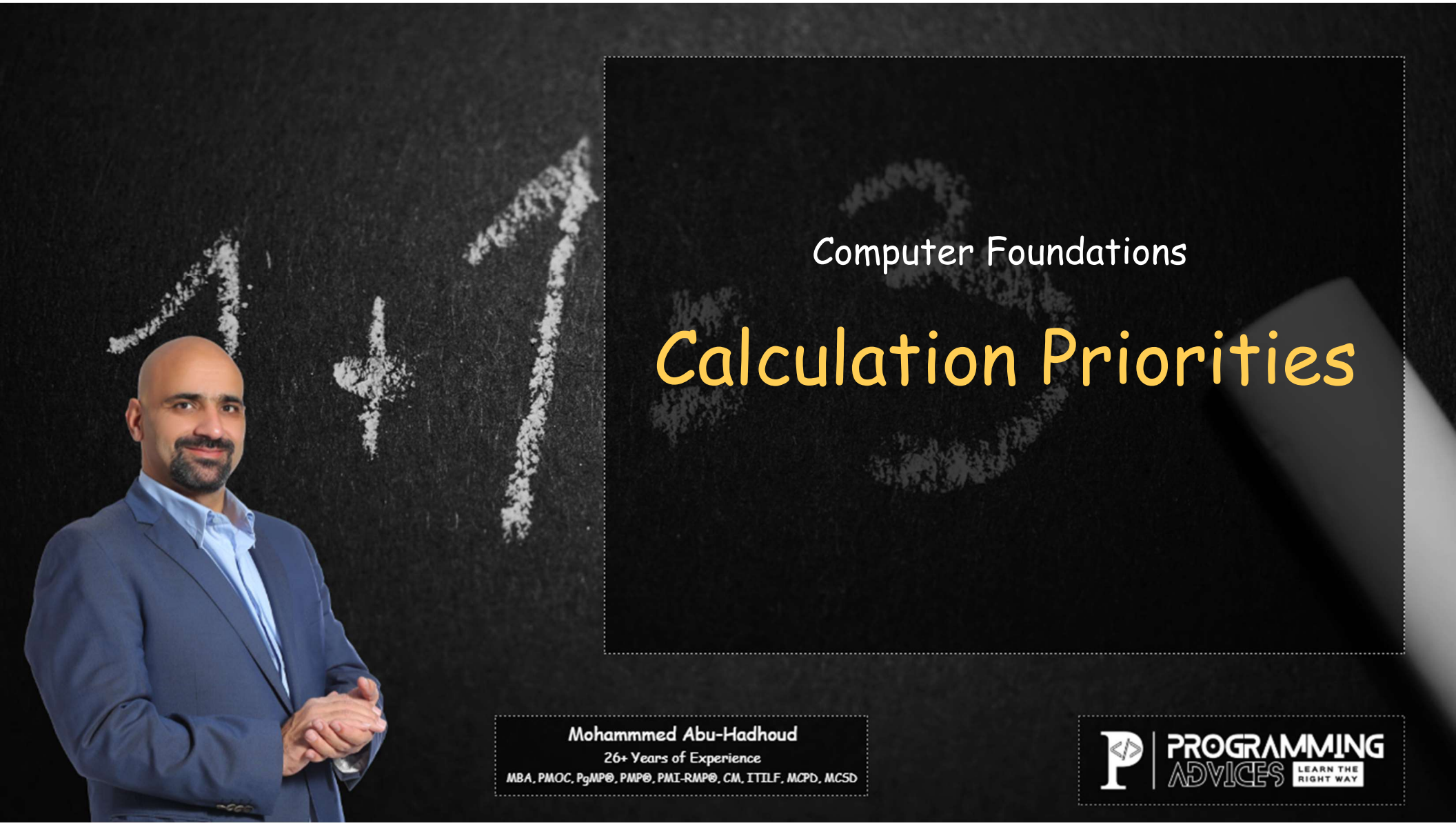
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Calculation Priorities
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73% of people fail to solve this!

4 x 4 + 4 x 4 + 4 – 4 x 4

Stop the video now,
try to solve it
and come back.

Why?!

The answer is
20

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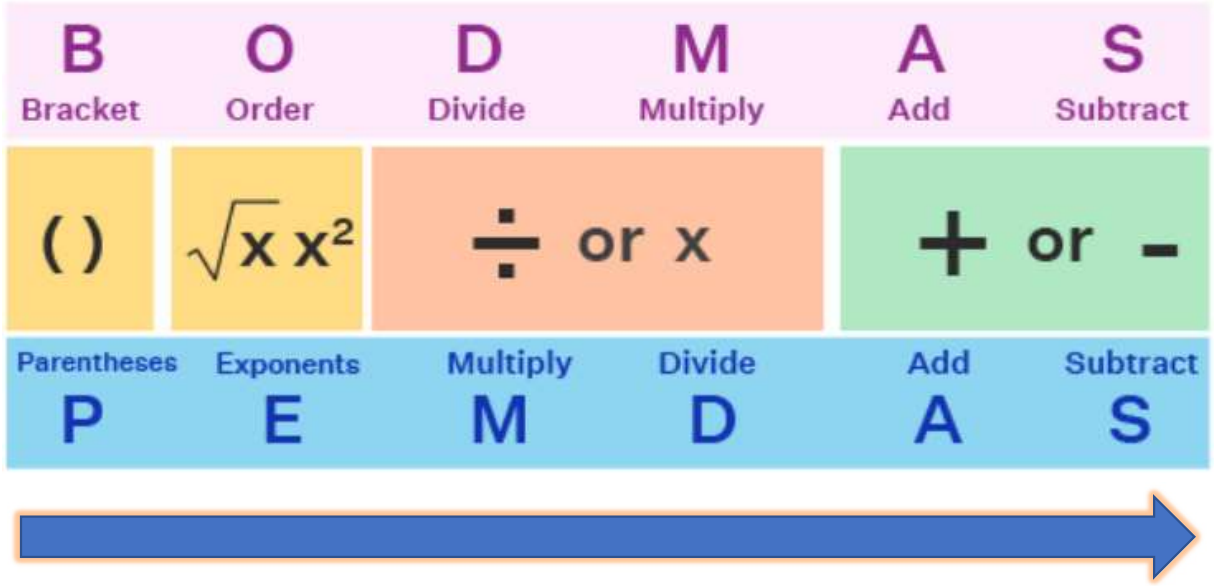
Order of Operations



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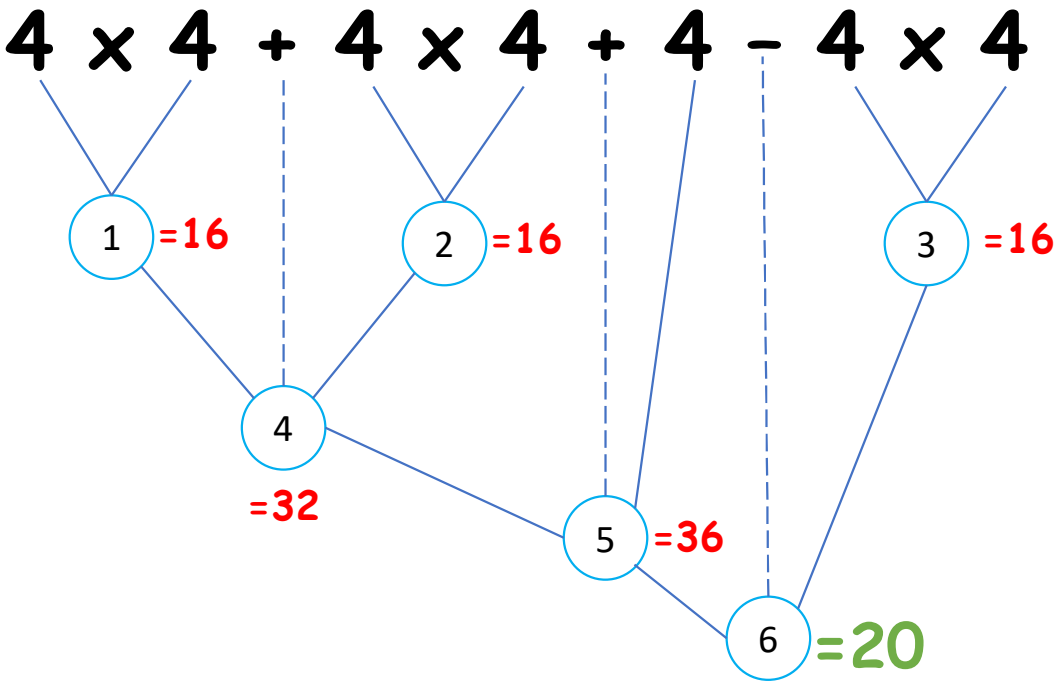

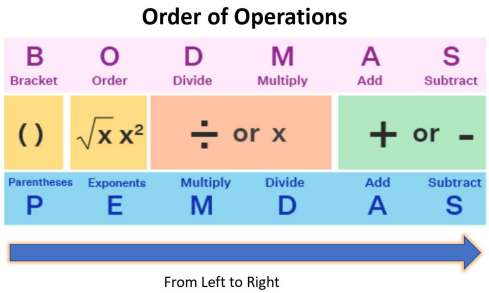

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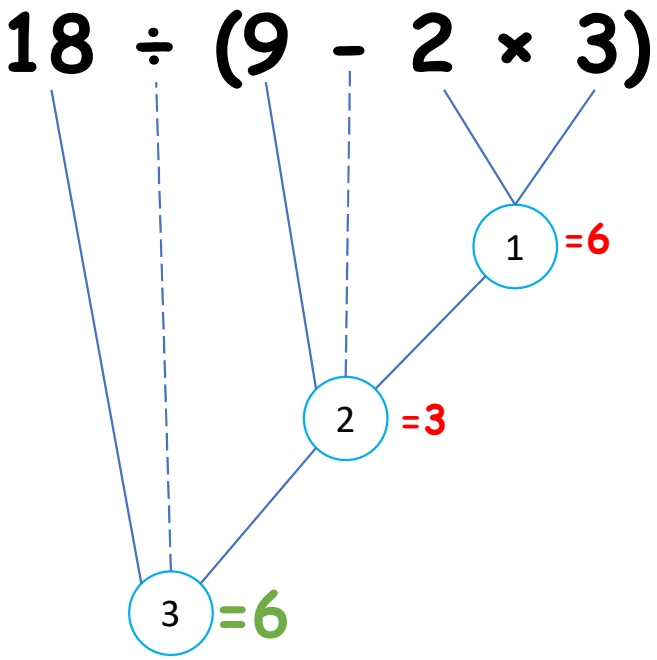

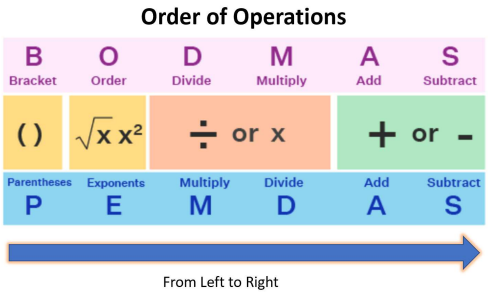

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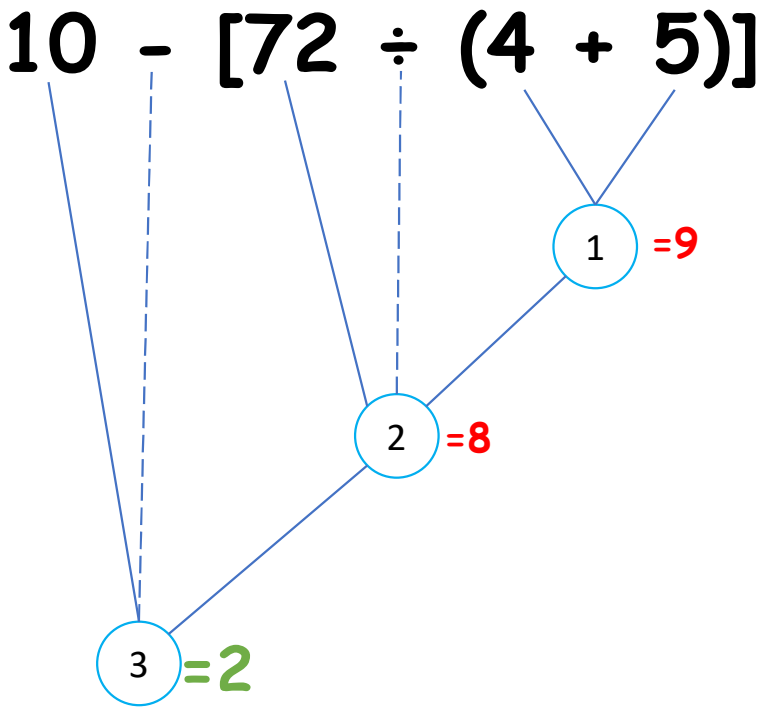

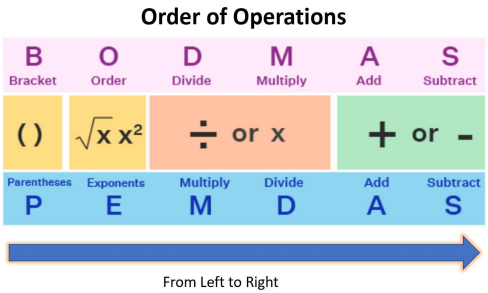

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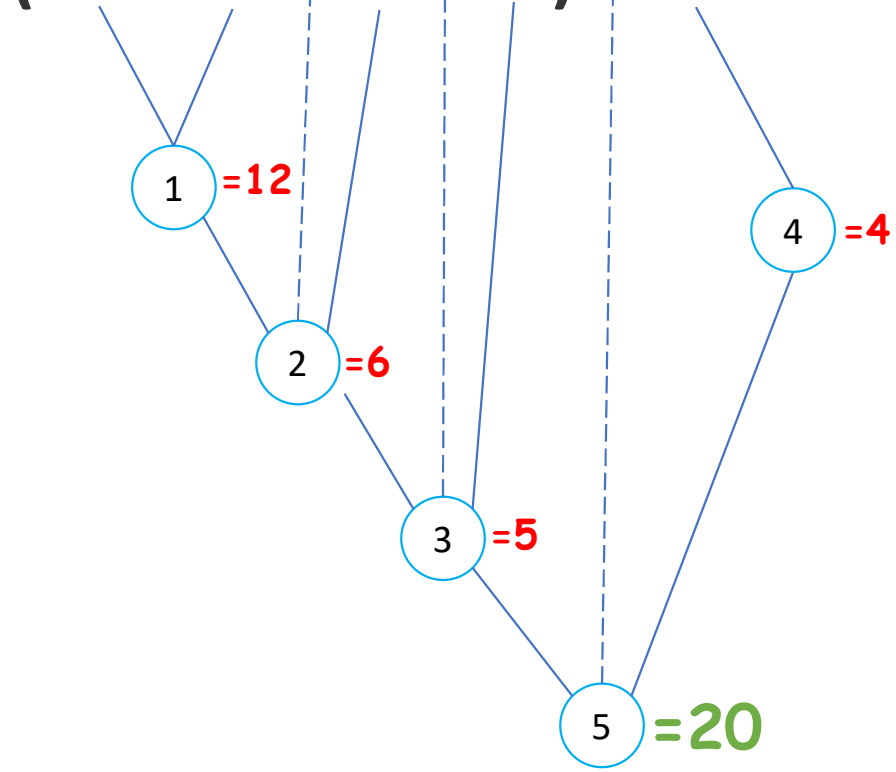
Solve this:

$$(6 \times 2 - 6 - 1) \times 2^2$$



Order of Operations

B	O	D	M	A	S
Bracket	Order	Divide	Multiply	Add	Subtract
( )	$\sqrt{x}$ x^2	÷ or x		+ or -	
Parentheses	Exponents	Multiply	Divide	Add	Subtract
P	E	M	D	A	S

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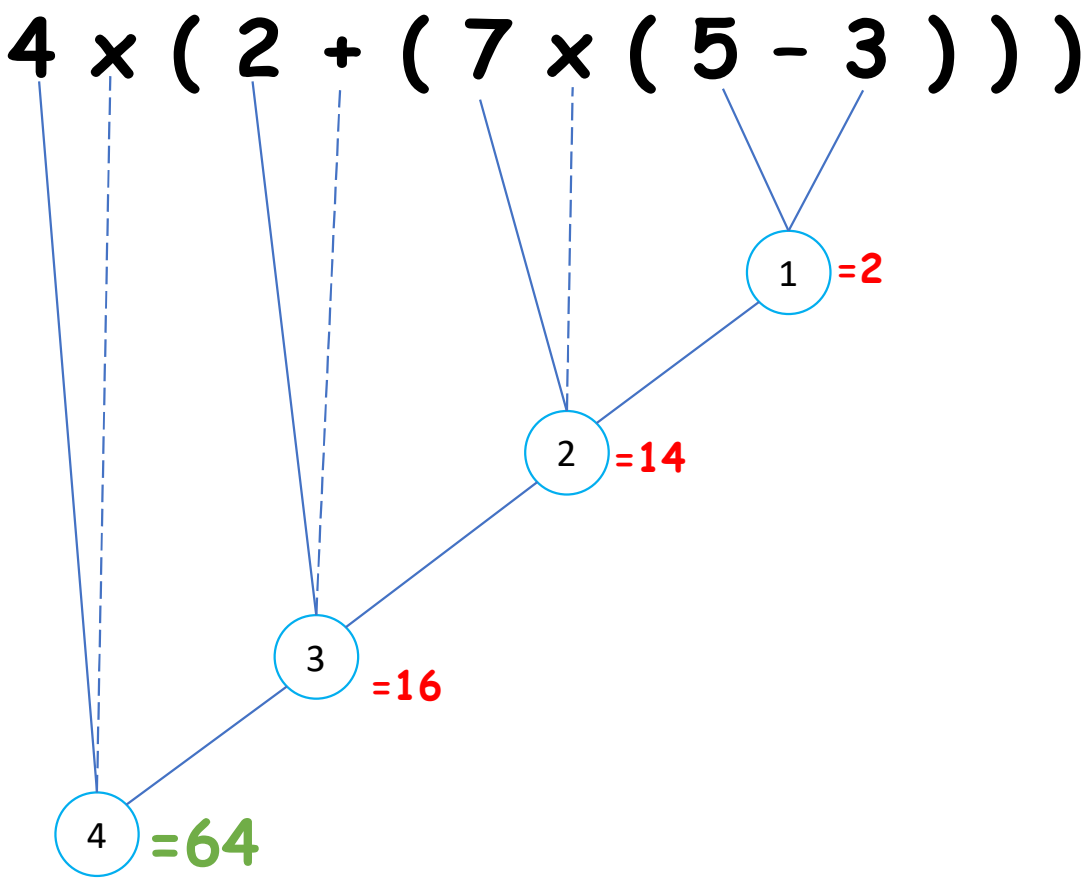

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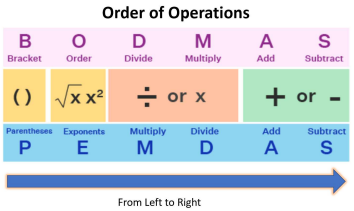

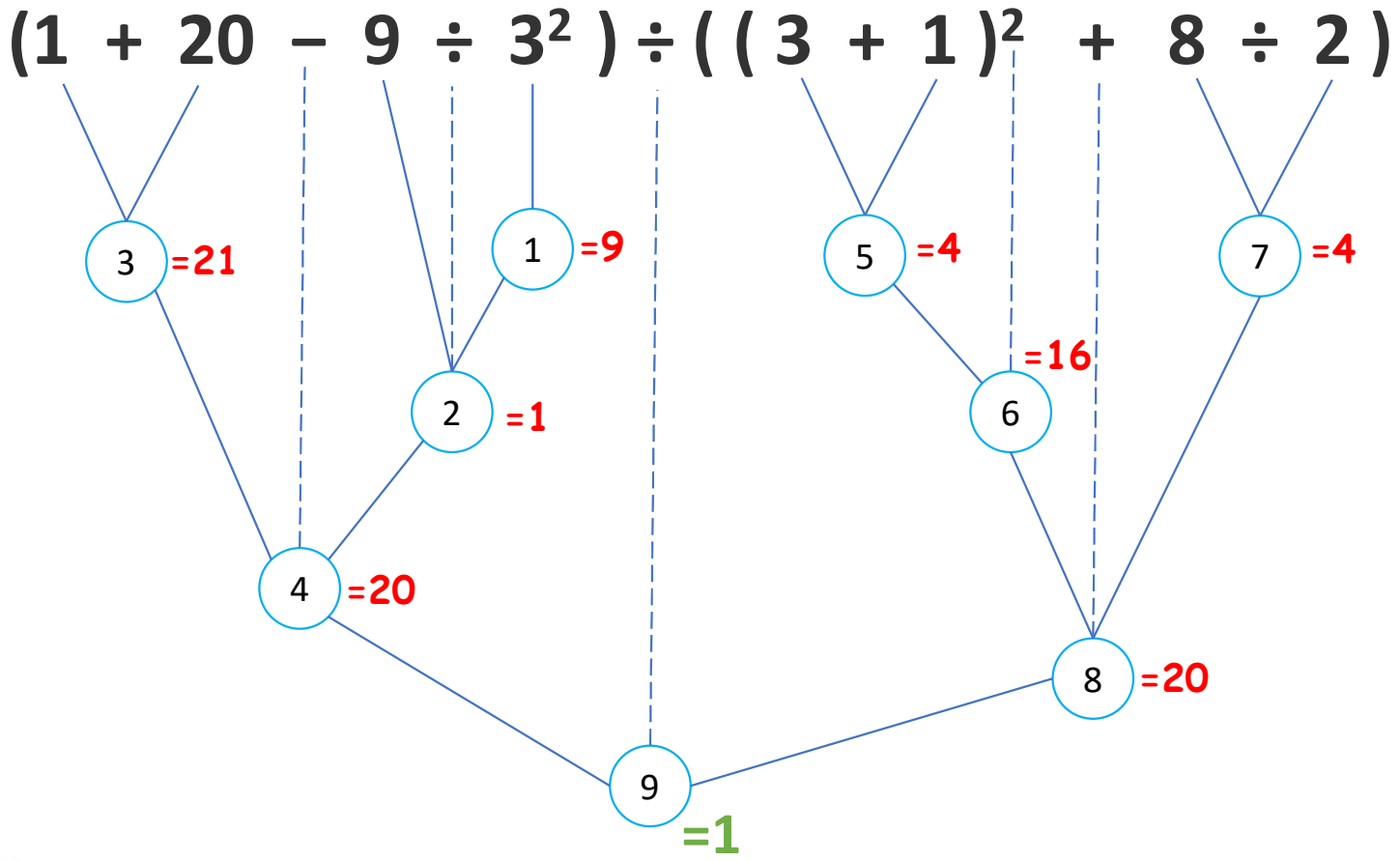

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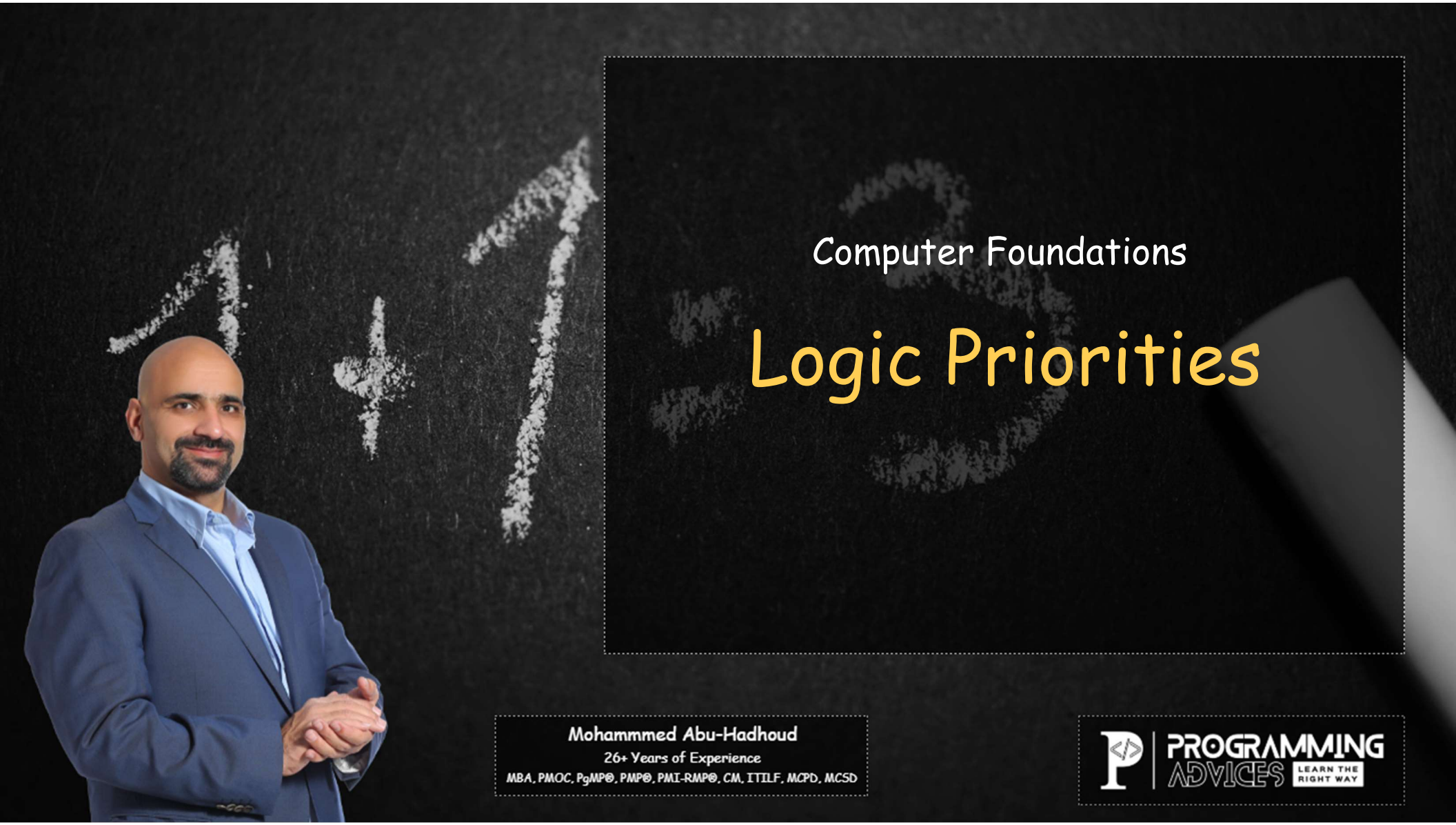
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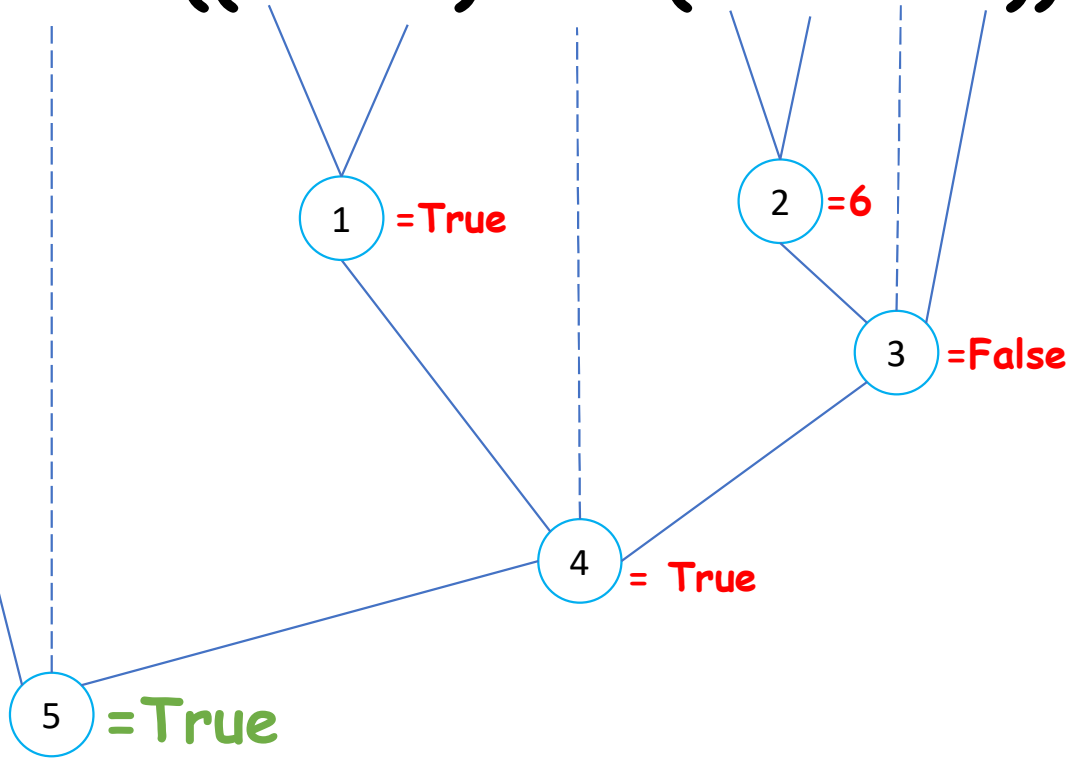
Solve this:

True AND ((9 > 2) OR (4+2 = 5))



Order of Operations

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Bracket	Order	Divide	Multiply	Add	Subtract
( )	$\sqrt{x}$ x^2	÷ or x		+ or -	
Parentheses	Exponents	Multiply	Divide	Add	Subtract
P	E	M	D	A	S

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Homework
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Solve the following problems:

$6 \div 3 + 4 \times 2$	$5x(2^2+3)+(2^3)^2$
$6 \times 4 - 12 \div 3 - 8$	$6x2+5x1+4/2-1$
$4 \times 4 - 3 \times 3 - 16 \div 4$	$1+(2x(4-3+1)+7)-2$
$20 - (3 \times 23 - 5)$	$10+6 \times (3-2)x8/24-1$
$(5 + 2)^2 - 9 \times 3 + 2^3$	$(20-18)^3/8x3-1$
$(7 - \sqrt{9}) \times (42 - 3 + 1)$	$(2+1-3+1+4)^2-2x4$

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Solve the following problems:

(5 > 6 and 7=7) OR (1 Or 0)

NOT(5 > 6 and 7=7) OR (1 Or 0)

NOT(5 > 6 and 7=7) OR NOT (1 Or 0)

NOT(5 > 6 OR 7=7) AND NOT (1 Or 0)

((5>6 AND 7<=8) OR (8>1 and 4<=3)) AND True

((5>6 AND NOT(7<=8)) AND (8>1 OR 4<=3)) OR True

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