

MULTIPLICATION DES NOMBRES NATURELS

1 - Tu complètes les tableaux et tu conclus :

X	2	4	5	
4				12
6				
	10			
				9

X				
2	4			
4		20		
5			30	
3				21

a	b	c	(axb)	(bxc)	(axb)xc	ax(bxc)
4	3	2				
3	7	1				
7	3	3				
9	1	0				
6	5	10				

Conclusion : $(a \times b) \times c = a \times (b \times c)$

2 - Tu calcules comme dans l'exemple:

$12 \times 7 = (10 \times 7) + (2 \times 7) = 70 + 14 = 84$

$12 \times 5 = (10 \times \dots) + (2 \times \dots) = \dots + \dots = \dots$

$15 \times 4 = (\dots \times 4) + (\dots \times 4) = \dots + \dots = \dots$

$16 \times 4 = (\dots \times \dots) + (\dots \times \dots) = \dots + \dots = \dots$

$14 \times 6 = \dots$

$18 \times 3 = \dots$

3 - Tu calcules comme dans l'exemple:

$(12 \times 2) + (12 \times 8) = 12 \times 10 = 120$

$(12 \times 4) + (12 \times 6) = 12 \times \dots = \dots$

$(15 \times 4) + (15 \times 6) = \dots \times 10 = \dots$

$(15 \times 7) + (15 \times 3) = \dots \times \dots = \dots$

$(17 \times 8) + (17 \times 2) = \dots$

$(24 \times 5) + (24 \times 5) = \dots$

Prénom: _____