Expanding triple brackets *lesson handout*

Part 1 We do

Expand and simplify $(x^2 + 5x + 4)(x + 3)$

×	x^2	$+5x$	$+4$
x			
$+3$			

Answer

Part 1 You do

Expand and simplify $(x^2 + 2x + 5)(x + 1)$

×			

Answer

Part 1 You do

Expand and simplify $(x + 2)(x^2 + 3x + 1)$

×			

Answer

Part 2 We do

Expand and simplify $(x + 1)(x + 5)(x + 2)$

×	x	$+1$
x		
$+5$		

×			

=

Answer

Part 2 You do

Expand and simplify $(x + 2)(x + 2)(x + 3)$

×		

×			

=

Answer

Part 2 You do

Expand and simplify $(x + 3)^2(x + 1)$

×		

×			

=

Answer

Part 3 We do

Expand and simplify $(x + 3)(x + 2)(x - 1)$

×	x	$+3$
x		
$+2$		

×			

=

Answer

Part 3 You do

Expand and simplify $(x - 3)(x + 1)(x + 2)$

×		

×			

=

Answer

Part 3 You do

Expand and simplify $(x - 1)(x - 2)(x + 4)$

×		

×			

=

Answer