 Which m times las 		omials uses the process of first times first, outer times outer, inner times inner, and la		
unios ias	ocolumn form	 multiplicative inverse 		
	• FOIL	O vertical method		
2. Which is	Thich is an example of using the column form to find the product of two binomials?			
	O FOIL			
	$ \bigcirc \begin{array}{c} 5m+3\\ \underline{\times} 4m-3 \end{array} $	\bigcirc $(5m+3)(4m-3)$		
3. Which of		er the steps needed to multiply two binomials?		
	O BOOK	● FOIL		
	OPOLY	oclumn method		
4. c^2 is equal	al to which of the following?			
	○ c	O 2c		
	● (c)(c)	$\bigcirc c + c$		
5. $(b+1)^2 i$	s equal to which of the following?			
	$\bigcirc (b+1)(b-1)$			
	\bigcirc $b^2 + 1$	\bigcirc b^2 - 1		
6. Which of	f the following expressions is the square of a s	sum?		
	$(h+3)^2$	$(h-3)^2$		
	$\bigcirc (h+3)(h-3)$	$\bigcirc (h-3)(h+3)$		
7. The squa	are of the first term of the binomial plus twice	the product of the two terms plus the square of the last term is known as which form		
	oclumn method	o binomial formula		
	square of a sum	sum and difference of binomials		
8. Using th	e square of a sum rule, which of the following	expressions is the product of $(2n + 1)^2$?		
	$\bigcirc 2n^2 + n + 1$	$\bigcirc 2n^2 + 4n + 2$		
	$0 4n^2 + 4n + 2$			
9. The prod	luct of the sum and difference of two terms is t	he difference of		
_	o middle terms	O last terms		
	O first terms	squares		

rt 2 ect the best answer f	rom the choices provided. (Each question is	worth one point)	
10. Simplify: 4n(2n + 2)	,	• •	
	$08n^2 + 2n$		
	$0 4n^2 + 8n$	\bigcirc 8n + 8n	
11. Simplify:			
$8c^{2}(b^{2}-2c)$			
	$0 b^2c^2 - 16c^3$	$0 8b^2c - 16c^3$	
		$\bigcirc 8b^2c^2 - 16c^2$	
12. Find the production $(6t + 4)(-5t - 1)$	et:		
	$\bigcirc \ 30t^2 - 80t - 40$		
	$\bigcirc 30t^2 + 80t - 40$	\bigcirc -30 t^2 - 80 t + 40	
13. Find the produ			
(m+1)(-7m-1)			
	⊙ -7m² - 12m - 5	$0 7m^2 - 12m - 5$	
	$\bigcirc -7m^2 - 12m + 5$	\bigcirc -7 m^2 + 12 m - 5	
14. Find the produc			
(4 <i>b</i> – 9)(7 <i>b</i> – 6) O 28b ² + 87b + 54	\bigcirc 28 <i>b</i> – 87 <i>b</i> + 54	
	$28b^2 - 87b + 54$	\bigcirc 28 b^2 - 87 b - 54	
15. Find the produc			
4v - 6	ct.		
x 4v + 3		0	
	$0 16v^2 + 12v - 18$	$0 16v^2 - 12v - 18$	
	$0 16v^2 - 24v - 18$	$0 16v^2 - 12v + 18$	
16. Find the produ	et:		
5n + 10 <u>x 2n + 4</u>			
	$0 10n^2 + 20n + 40$	$0 10n^2 + 10n + 40$	
	$0 10n^2 + 40n + 4$	$0 10n^2 + 40n + 40$	
17. Find the production	ct:		
$(6k + 4n)^2$	$0.36k^2 + 12kn + 16n^2$	$\bigcirc 36k^2 + 10kn + 16n^2$	
		$0 36k^2 + 24kn + 16n^2$	
		304 + 24411 + 1011	
18. Find the production $(3ab - 3c)^2$	ct:		
	\bigcirc 9 a^2b^2 - 18 abc - 9 c^2	$\bigcirc 9a^2b^2 - 9abc + 9c^2$	
	$\bigcirc 9a^2b - 18c + 9abc^2$		
rt 3		4	
	rom the choices provided. (Each question is ne product of which two binomials?	worth one point)	
	$(v+1)^2$	(v+1)(v-1)	
	$\bigcirc (v-1)(1-v)$	$\bigcirc (v-1)(v-1)$	
20. $t^2 - 4t + 4$ is th	e product of which algebraic expression?		
	\bullet $(t-2)^2$	$\bigcirc (t-4)^2$	
	$\bigcirc (t-2)(t+2)$	$\bigcirc (t-4)(t+4)$	
21. Evaluate (c + 1)			
	O 2	O 4	

	O o	● 1						
22,	Simplify: (-9 <i>b</i> ³ - 5) ²							
	\bigcirc 81 b^6 – 90 b^3 + 25	\bigcirc 81 b^6 – 90 b^3 - 25						
	\bigcirc 81 b^6 – 90 b^3 - 25							
art 4 pe th 23.	e answer to the question in the textbox belo	each item. (Each question is worth two points)						
_0.	cant be simplified but 7x29=203							
24.	24. The product of the sum and difference of the same two terms is equal to what?							
	difference of squares	6						
25.	25. What is the exponent of the monomial n5?							
	5	lo de la companya de						