แบบฝึกหัดการคูณพหุนามกำลังสองX

จงหาผลคูณของพหุนามต่อไปนี้โดยใช้ตารางยึดหลักการคูณเวทคณิตแบบแนวตั้งและแนวไขว้

1. $(3x^2+8x+4)x(6x^2+3x+2)$

X^4	X^3	X^2	X^1	X^0
		3	8	4
		6	3	2

2. .$(7x^2+9x-3)x(5x^26x-8)$

X^4	X^3	X^2	X^1	X^0
		7	9	-3
		5	6	-8
			-	

3. $(2x^2+4x+9)x(5x^2+4x-6)$

X^4	X^3	X^2	X^1	X^0
		2	4	9
		5	4	-6
				-

4. .$(8x^2-4x+2)x(6x^2+3x-4)$

X^4	X^3	X^1	X^0	X0
		8	-4	2
		6	3	-4

5. $(7x^2+5x-3)x(9x^2-3x-9)$

X^4	X^3	X^2	X^1	X^0
		7	5	-3
		9	-3	-9

LIVEWORKSHEETS

6. $(-12x^2-8x-9)x(-2x^2-3x-5)$

X4	X3	X2	X1	X0
		-12	-8	-9
		-2	-3	-5

7. $(9x^2+5x+2)x(4x^2+7x+3)$

X^4	X^3	X^2	X^1	X^0
		9	5	2
		4	7	3

8. $(13x^2+5x+7)x(-10x^2+9x+1)$

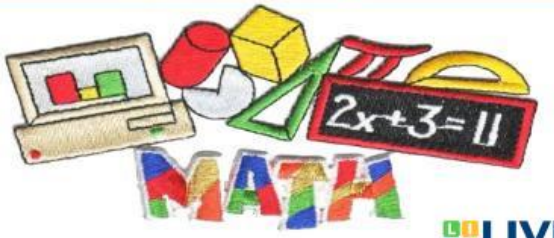
X^4	X^3	X^2	X^1	X^0
		13	5	7
		-10	9	1

9. $(15x^2-5x+16)x(11x^2+14x+9)$

X^4	X^3	X^2	X^1	X^0
		15	-5	16
		11	14	9

10. $(-14x^2+5x+6)x(8x^2+3x+6)$

X^4	X^3	X^2	X^1	X^0
		-14	5	6
		8	3	6



LIVEWORKSHEETS

11. $(8x^2+5x+19)x(14x^2-7x+15)$

X^4	X^3	X^2	X^1	X^0
		8	5	19
		14	-7	15

12. $(9x^2+3x+5)(7x^2-6x+16)$

X^4	X^3	X^2	X^1	X^0
		9	3	5
		7	6	16

13. $(2x^2+4x-6)(15x^2+19x-18)$

X^4	X^3	X^2	X^1	X^0
		2	4	-6
		15	19	-18

14. $(5x^2-4X+13)(8x^2+12x-5)$

X^4	X^3	X^2	X^1	X^0
		5	-4	13
		8	12	-5

15. $(4x^2-17x+6)x(8x^2-20x+13)$

X^4	X^3	X^2	X^1	X^0
		4	-17	6
		8	-20	13

LIVEWORKSHEETS

16. $(8x^2+9x-15)(2x^2-8x-5)$

X^4	X^3	X^2	X^1	X^0
		8	9	-15
		2	-8	-5

17. $(10x^2+6x-2)(7x^2-15x-7)$

X^4	X^3	X^2	X^1	X^0
		10	6	-2
		7	-15	-7

18. $(3x^2 12x-4)x(5x^2 8x-9)$

X^4	X^3	X^2	X^1	X^0
		3	12	-4
		5	8	-9

19. $(-14x^2+5x-2)(7x^2-10x-4)$

X^4	X^3	X^2	X^1	X^0
		-14	5	-2
		7	-10	-4

20. $(-6x^2-9x-3)(-2x^2-4x-8)$

X^4	X^3	X^2	X^1	X^0
		-6	-9	-3
		-2	-4	-8

LIVEWORKSHEETS

21. $(15x^2+5x-6)x(9x^2-4x-7)$

X^4	X^3	X^2	X^1	X^0
		15	5	-6
		9	-4	-7

22.$(-7x^2x-2+13)x(16x^2-10x-4)$

X^4	X^3	X^2	X^1	X^0
		-7	-2	13
		16	-10	-4

23 .$(8x^2-18x+5)x(-7x^2-6x-2)$

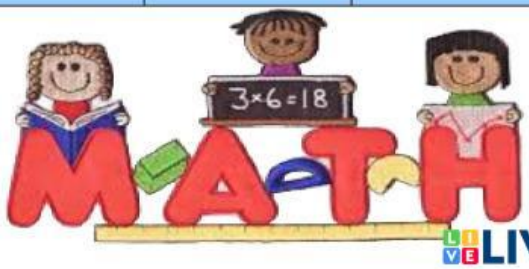
X^4	X^3	X^2	X^1	X^0
		8	-18	5
		-7	-6	-2

24.$(18x^2+7x+11)x(9x^2-5x-9)$

X^4	X^3	X^2	X^1	X^0
		18	7	11
		9	-5	-9

25.$(15x^2+9x+14)x(16x^2-4x-16)$

X^4	X^3	X^2	X^1	X^0
		15	9	14
		16	-4	-16



LIVEWORKSHEETS

26.$(19x^2+3+x10)(6x^2-5x-13)$

X^4	X^3	X^2	X^1	X^0
		19	3	10
		6	-5	-13

27.$(18x^2x+9x+4)(8x^2-2x-4)$

X^4	X^3	X^2	X^1	X^0
		18	9	4
		8	-2	-4

28 .$(9x^2x-10x+3)(5x^2-15x-8)$

X^4	X^3	X^2	X^1	X^0
		9	10	3
		5	-15	-8

29.$(14x^2x-6x+9)(5x^2-11x-9)$

X^4	X^3	X^2	X^1	X^0
		14	-6	9
		5	-11	-9

30 .$(16x^2-3x+19)(6x^2-14x-8)$

X^4	X^3	X^2	X^1	X^0
		16	-3	19
		6	-14	-8

LIVEWORKSHEETS