

$$A_1 = (-4x - 8)(-9x + 10)$$

$$= 36x^2 - 40x + 72x - 80$$

$$= 36x^2 + 32x - 80$$

×	$-9x$	10
$-4x$	$36x^2$	$-40x$
-8	$+72x$	-80

$$A_2 = (-4x + 9)(x - 5)$$

$$= -4x^2 + 20x + 9x - 45$$

$$= -4x^2 + 29x - 45$$

×	x	-5
$-4x$	$-4x^2$	$+20x$
$+9$	$+9x$	-45

$$A_3 = (x - 4)(-9x - 2)$$

$$= -9x^2 - 2x + 36x + 8$$

$$= -9x^2 + 34x + 8$$

×	$-9x$	-2
x	$-9x^2$	$-2x$
-4	$+36x$	$+8$

$$A_4 = (6x - 7)(-7x + 9)$$

$$= -42x^2 + 54x + 49x - 63$$

$$= -42x^2 + 103x - 63$$

×	$-7x$	9
$6x$	$-42x^2$	$+54x$
-7	$+49x$	-63

$$A_5 = (7x - 3)(9x - 8)$$

$$= 63x^2 - 56x - 27x + 24$$

$$= 63x^2 - 83x + 24$$

×	$9x$	-8
$7x$	$63x^2$	$-56x$
-3	$-27x$	$+24$

$$A_6 = (6x + 2)(10x - 3)$$

$$= 60x^2 - 18x + 20x - 6$$

$$= 60x^2 + 2x - 6$$

×	$10x$	-3
$6x$	$60x^2$	$-18x$
$+2$	$+20x$	-6

$$A_7 = (-10x - 1)(2x + 10)$$

$$= -20x^2 - 100x - 2x - 10$$

$$= -20x^2 - 102x - 10$$

×	$2x$	10
$-10x$	$-20x^2$	$-100x$
-1	$-2x$	-10

$$A_8 = (7x + 1)(-10x - 9)$$

$$= -70x^2 - 63x - 10x - 9$$

$$= -70x^2 - 73x - 9$$

×	$-10x$	-9
$7x$	$-70x^2$	$-63x$
$+1$	$-10x$	-9

$$A_9 = (6x + 1)(7x + 5)$$

$$= 42x^2 + 30x + 7x + 5$$

$$= 42x^2 + 37x + 5$$

×	$7x$	5
$6x$	$42x^2$	$+30x$
$+1$	$+7x$	$+5$

$$A_{10} = 5x(4x + 6)$$

$$= 20x^2 + 30x$$

×	$4x$	6
$5x$	$20x^2$	$+30x$

$$A_{11} = -4x(7x - 5)$$

$$= -28x^2 + 20x$$

×	$7x$	-5
$-4x$	$-28x^2$	$+20x$

$$A_{12} = (3x + 7)(7x - 5)$$

$$= 21x^2 - 15x + 49x - 35$$

$$= 21x^2 + 34x - 35$$

×	$7x$	-5
$3x$	$21x^2$	$-15x$
$+7$	$+49x$	-35

$$A_{13} = (2x + 5)(6x + 3)$$

$$= 12x^2 + 6x + 30x + 15$$

$$= 12x^2 + 36x + 15$$

×	$6x$	3
$2x$	$12x^2$	$+6x$
$+5$	$+30x$	$+15$

$$A_{14} = (7x - 4)(-x - 4)$$

$$= -7x^2 - 28x + 4x + 16$$

$$= -7x^2 - 24x + 16$$

×	$-x$	-4
$7x$	$-7x^2$	$-28x$
-4	$+4x$	$+16$

$$A_{15} = (6x - 9)(x + 2)$$

$$= 6x^2 + \underbrace{12x - 9x}_{-18} - 18$$

$$= 6x^2 + 3x - 18$$

×	x	2
$6x$	$6x^2$	$+12x$
-9	$-9x$	-18

$$A_{16} = (8x - 8)(-8x - 2)$$

$$= -64x^2 - \underbrace{16x + 64x}_{+16} + 16$$

$$= -64x^2 + 48x + 16$$

×	$-8x$	-2
$8x$	$-64x^2$	$-16x$
-8	$+64x$	$+16$

$$A_{17} = (6x + 7)(10x + 3)$$

$$= 60x^2 + \underbrace{18x + 70x}_{+21} + 21$$

$$= 60x^2 + 88x + 21$$

×	$10x$	3
$6x$	$60x^2$	$+18x$
$+7$	$+70x$	$+21$

$$A_{18} = (-2x + 10)(10x - 10)$$

$$= -20x^2 + \underbrace{20x + 100x}_{-100} - 100$$

$$= -20x^2 + 120x - 100$$

×	$10x$	-10
$-2x$	$-20x^2$	$+20x$
$+10$	$+100x$	-100

$$A_{19} = -8x(10x - 1)$$

$$= -80x^2 + 8x$$

×	$10x$	-1
$-8x$	$-80x^2$	$+8x$

$$A_{20} = (-10x + 6)(-x - 6)$$

$$= 10x^2 + \underbrace{60x - 6x}_{-36} - 36$$

$$= 10x^2 + 54x - 36$$

×	$-x$	-6
$-10x$	$10x^2$	$+60x$
$+6$	$-6x$	-36

$$A_{21} = (6x + 10)(-6x + 1)$$

$$= -36x^2 + \underbrace{6x - 60x}_{+10} + 10$$

$$= -36x^2 - 54x + 10$$

×	$-6x$	1
$6x$	$-36x^2$	$+6x$
$+10$	$-60x$	$+10$

$$A_{22} = (-10x - 7)(-5x + 8)$$

$$= 50x^2 - \underbrace{80x + 35x}_{-56} - 56$$

$$= 50x^2 - 45x - 56$$

×	$-5x$	8
$-10x$	$50x^2$	$-80x$
-7	$+35x$	-56

$$A_{23} = (8x - 9)(5x + 6)$$

$$= 40x^2 + \underbrace{48x - 45x}_{-54} - 54$$

$$= 40x^2 + 3x - 54$$

×	$5x$	6
$8x$	$40x^2$	$+48x$
-9	$-45x$	-54

$$A_{24} = (7x - 10)(-2x + 6)$$

$$= -14x^2 + \underbrace{42x + 20x}_{-60} - 60$$

$$= -14x^2 + 62x - 60$$

×	$-2x$	6
$7x$	$-14x^2$	$+42x$
-10	$+20x$	-60

$$A_{25} = (3x + 5)(9x + 8)$$

$$= 27x^2 + \underbrace{24x + 45x}_{+40} + 40$$

$$= 27x^2 + 69x + 40$$

×	$9x$	8
$3x$	$27x^2$	$+24x$
$+5$	$+45x$	$+40$

$$A_{26} = (6x + 9)(5x - 10)$$

$$= 30x^2 - \underbrace{60x + 45x}_{-90} - 90$$

$$= 30x^2 - 15x - 90$$

×	$5x$	-10
$6x$	$30x^2$	$-60x$
$+9$	$+45x$	-90

$$A_{27} = (9x + 8)(x + 9)$$

$$= 9x^2 + \underbrace{81x + 8x}_{+72} + 72$$

$$= 9x^2 + 89x + 72$$

×	x	9
$9x$	$9x^2$	$+81x$
$+8$	$+8x$	$+72$

$$A_{28} = (-2x - 10)(8x + 2)$$

$$= -16x^2 - \underbrace{4x - 80x}_{-20} - 20$$

$$= -16x^2 - 84x - 20$$

×	$8x$	2
$-2x$	$-16x^2$	$-4x$
-10	$-80x$	-20

$$\begin{aligned}
A_{29} &= (-4x - 9)(-7x + 4) \\
&= 28x^2 - 16x + 63x - 36 \\
&= 28x^2 + 47x - 36
\end{aligned}$$

×	$-7x$	4
$-4x$	$28x^2$	$-16x$
-9	$+63x$	-36

$$\begin{aligned}
A_{30} &= (5x + 5)(9x + 4) \\
&= 45x^2 + 20x + 45x + 20 \\
&= 45x^2 + 65x + 20
\end{aligned}$$

×	$9x$	4
$5x$	$45x^2$	$+20x$
$+5$	$+45x$	$+20$

$$\begin{aligned}
A_{31} &= (7x - 4)(-10x - 3) \\
&= -70x^2 - 21x + 40x + 12 \\
&= -70x^2 + 19x + 12
\end{aligned}$$

×	$-10x$	-3
$7x$	$-70x^2$	$-21x$
-4	$+40x$	$+12$

$$\begin{aligned}
A_{32} &= (-6x - 7)(-9x - 5) \\
&= 54x^2 + 30x + 63x + 35 \\
&= 54x^2 + 93x + 35
\end{aligned}$$

×	$-9x$	-5
$-6x$	$54x^2$	$+30x$
-7	$+63x$	$+35$

$$\begin{aligned}
A_{33} &= (-7x + 2)(5x - 6) \\
&= -35x^2 + 42x + 10x - 12 \\
&= -35x^2 + 52x - 12
\end{aligned}$$

×	$5x$	-6
$-7x$	$-35x^2$	$+42x$
$+2$	$+10x$	-12

$$\begin{aligned}
A_{34} &= (-10x + 10)(3x + 1) \\
&= -30x^2 - 10x + 30x + 10 \\
&= -30x^2 + 20x + 10
\end{aligned}$$

×	$3x$	1
$-10x$	$-30x^2$	$-10x$
$+10$	$+30x$	$+10$

$$\begin{aligned}
A_{35} &= (10x + 4)(-10x - 4) \\
&= -100x^2 - 40x - 40x - 16 \\
&= -100x^2 - 80x - 16
\end{aligned}$$

×	$-10x$	-4
$10x$	$-100x^2$	$-40x$
$+4$	$-40x$	-16

$$\begin{aligned}
A_{36} &= (-7x + 9)(-4x - 10) \\
&= 28x^2 + 70x - 36x - 90 \\
&= 28x^2 + 34x - 90
\end{aligned}$$

×	$-4x$	-10
$-7x$	$28x^2$	$+70x$
$+9$	$-36x$	-90

$$\begin{aligned}
A_{37} &= (-2x - 5)(9x + 10) \\
&= -18x^2 - 20x - 45x - 50 \\
&= -18x^2 - 65x - 50
\end{aligned}$$

×	$9x$	10
$-2x$	$-18x^2$	$-20x$
-5	$-45x$	-50

$$\begin{aligned}
A_{38} &= (8x + 4)(5x - 10) \\
&= 40x^2 - 80x + 20x - 40 \\
&= 40x^2 - 60x - 40
\end{aligned}$$

×	$5x$	-10
$8x$	$40x^2$	$-80x$
$+4$	$+20x$	-40

$$\begin{aligned}
A_{39} &= (-5x + 5)(-2x - 6) \\
&= 10x^2 + 30x - 10x - 30 \\
&= 10x^2 + 20x - 30
\end{aligned}$$

×	$-2x$	-6
$-5x$	$10x^2$	$+30x$
$+5$	$-10x$	-30

$$\begin{aligned}
A_{40} &= 4x(9x + 7) \\
&= 36x^2 + 28x
\end{aligned}$$

×	$9x$	7
$4x$	$36x^2$	$+28x$

$$\begin{aligned}
A_{41} &= (x + 5)(4x + 9) \\
&= 4x^2 + 9x + 20x + 45 \\
&= 4x^2 + 29x + 45
\end{aligned}$$

×	$4x$	9
x	$4x^2$	$+9x$
$+5$	$+20x$	$+45$

$$\begin{aligned}
A_{42} &= (-4x + 1)(-5x + 2) \\
&= 20x^2 - 8x - 5x + 2 \\
&= 20x^2 - 13x + 2
\end{aligned}$$

×	$-5x$	2
$-4x$	$20x^2$	$-8x$
$+1$	$-5x$	$+2$

$$A_{43} = -10x(-6x + 8)$$

$$= 60x^2 - 80x$$

×	$-6x$	8
$-10x$	$60x^2$	$-80x$

$$A_{44} = (7x - 1)(x + 8)$$

$$= 7x^2 + 56x - x - 8$$

$$= 7x^2 + 55x - 8$$

×	x	8
$7x$	$7x^2$	$+56x$
-1	$-x$	-8

$$A_{45} = (-9x + 10) \times (-x)$$

$$= 9x^2 - 10x$$

×	$-x$	
$-9x$	$9x^2$	
$+10$	$-10x$	

$$A_{46} = (7x - 1)(-2x + 5)$$

$$= -14x^2 + 35x + 2x - 5$$

$$= -14x^2 + 37x - 5$$

×	$-2x$	5
$7x$	$-14x^2$	$+35x$
-1	$+2x$	-5

$$A_{47} = (8x + 7)(10x + 2)$$

$$= 80x^2 + 16x + 70x + 14$$

$$= 80x^2 + 86x + 14$$

×	$10x$	2
$8x$	$80x^2$	$+16x$
$+7$	$+70x$	$+14$

$$A_{48} = (x + 1)(-8x - 2)$$

$$= -8x^2 - 2x - 8x - 2$$

$$= -8x^2 - 10x - 2$$

×	$-8x$	-2
x	$-8x^2$	$-2x$
$+1$	$-8x$	-2

$$A_{49} = (-8x - 5)(-9x + 7)$$

$$= 72x^2 - 56x + 45x - 35$$

$$= 72x^2 - 11x - 35$$

×	$-9x$	7
$-8x$	$72x^2$	$-56x$
-5	$+45x$	-35

$$A_{50} = (2x + 4) \times 3x$$

$$= 6x^2 + 12x$$

×	$3x$	
$2x$	$6x^2$	
$+4$	$+12x$	

$$A_{51} = (-x - 5)(-7x - 9)$$

$$= 7x^2 + 9x + 35x + 45$$

$$= 7x^2 + 44x + 45$$

×	$-7x$	-9
$-x$	$7x^2$	$+9x$
-5	$+35x$	$+45$

$$A_{52} = (-9x - 6)(x + 9)$$

$$= -9x^2 - 81x - 6x - 54$$

$$= -9x^2 - 87x - 54$$

×	x	9
$-9x$	$-9x^2$	$-81x$
-6	$-6x$	-54

$$A_{53} = (-9x - 1)(-3x - 7)$$

$$= 27x^2 + 63x + 3x + 7$$

$$= 27x^2 + 66x + 7$$

×	$-3x$	-7
$-9x$	$27x^2$	$+63x$
-1	$+3x$	$+7$

$$A_{54} = (4x - 1)(5x - 10)$$

$$= 20x^2 - 40x - 5x + 10$$

$$= 20x^2 - 45x + 10$$

×	$5x$	-10
$4x$	$20x^2$	$-40x$
-1	$-5x$	$+10$

$$A_{55} = (10x - 6)(-2x + 7)$$

$$= -20x^2 + 70x + 12x - 42$$

$$= -20x^2 + 82x - 42$$

×	$-2x$	7
$10x$	$-20x^2$	$+70x$
-6	$+12x$	-42

$$A_{56} = (-8x + 7)(-5x + 9)$$

$$= 40x^2 - 72x - 35x + 63$$

$$= 40x^2 - 107x + 63$$

×	$-5x$	9
$-8x$	$40x^2$	$-72x$
$+7$	$-35x$	$+63$

$$\begin{aligned}
A_{57} &= (6x - 8)(4x + 6) \\
&= 24x^2 + \underbrace{36x - 32x}_{4x} - 48 \\
&= 24x^2 + 4x - 48
\end{aligned}$$

×	4x	6
6x	24x ²	+36x
-8	-32x	-48

$$\begin{aligned}
A_{58} &= (8x + 10)(10x + 5) \\
&= 80x^2 + \underbrace{40x + 100x}_{140x} + 50 \\
&= 80x^2 + 140x + 50
\end{aligned}$$

×	10x	5
8x	80x ²	+40x
+10	+100x	+50

$$\begin{aligned}
A_{59} &= (-9x - 1)(-4x - 6) \\
&= 36x^2 + \underbrace{54x + 4x}_{58x} + 6 \\
&= 36x^2 + 58x + 6
\end{aligned}$$

×	-4x	-6
-9x	36x ²	+54x
-1	+4x	+6

$$\begin{aligned}
A_{60} &= (-3x - 1)(10x + 7) \\
&= -30x^2 - \underbrace{21x - 10x}_{-11x} - 7 \\
&= -30x^2 - 11x - 7
\end{aligned}$$

×	10x	7
-3x	-30x ²	-21x
-1	-10x	-7

$$\begin{aligned}
A_{61} &= (4x + 5)(2x + 2) \\
&= 8x^2 + \underbrace{8x + 10x}_{18x} + 10 \\
&= 8x^2 + 18x + 10
\end{aligned}$$

×	2x	2
4x	8x ²	+8x
+5	+10x	+10

$$\begin{aligned}
A_{62} &= 2x(9x - 6) \\
&= 18x^2 - 12x
\end{aligned}$$

×	9x	-6
2x	18x ²	-12x

$$\begin{aligned}
A_{63} &= (-6x + 5)(8x + 3) \\
&= -48x^2 - \underbrace{18x + 40x}_{22x} + 15 \\
&= -48x^2 - 22x + 15
\end{aligned}$$

×	8x	3
-6x	-48x ²	-18x
+5	+40x	+15

$$\begin{aligned}
A_{64} &= (-10x - 8)(-7x + 8) \\
&= 70x^2 - \underbrace{80x + 56x}_{-24x} - 64 \\
&= 70x^2 - 24x - 64
\end{aligned}$$

×	-7x	8
-10x	70x ²	-80x
-8	+56x	-64

$$\begin{aligned}
A_{65} &= (2x - 5)(-2x - 7) \\
&= -4x^2 - \underbrace{14x + 10x}_{-4x} + 35 \\
&= -4x^2 - 4x + 35
\end{aligned}$$

×	-2x	-7
2x	-4x ²	-14x
-5	+10x	+35

$$\begin{aligned}
A_{66} &= (8x - 4)(-6x + 2) \\
&= -48x^2 + \underbrace{16x + 24x}_{40x} - 8 \\
&= -48x^2 + 40x - 8
\end{aligned}$$

×	-6x	2
8x	-48x ²	+16x
-4	+24x	-8

$$\begin{aligned}
A_{67} &= (-8x + 9)(5x + 5) \\
&= -40x^2 - \underbrace{40x + 45x}_{-5x} + 45 \\
&= -40x^2 - 5x + 45
\end{aligned}$$

×	5x	5
-8x	-40x ²	-40x
+9	+45x	+45

$$\begin{aligned}
A_{68} &= (-7x + 6)(-5x + 10) \\
&= 35x^2 - \underbrace{70x - 30x}_{-40x} + 60 \\
&= 35x^2 - 40x + 60
\end{aligned}$$

×	-5x	10
-7x	35x ²	-70x
+6	-30x	+60

$$\begin{aligned}
A_{69} &= (9x + 8)(-3x + 5) \\
&= -27x^2 + \underbrace{45x - 24x}_{21x} + 40 \\
&= -27x^2 + 21x + 40
\end{aligned}$$

×	-3x	5
9x	-27x ²	+45x
+8	-24x	+40

$$\begin{aligned}
A_{70} &= 7x(10x + 10) \\
&= 70x^2 + 70x
\end{aligned}$$

×	10x	10
7x	70x ²	+70x

$$A_{71} = (-x+1)(-5x+2)$$

$$= 5x^2 - 2x - 5x + 2$$

$$= 5x^2 - 7x + 2$$

×	$-5x$	2
$-x$	$5x^2$	$-2x$
+1	$-5x$	+2

$$A_{72} = (-7x+8)(-4x+2)$$

$$= 28x^2 - 14x - 32x + 16$$

$$= 28x^2 - 46x + 16$$

×	$-4x$	2
$-7x$	$28x^2$	$-14x$
+8	$-32x$	+16

$$A_{73} = (-3x+10)(5x+8)$$

$$= -15x^2 - 24x + 50x + 80$$

$$= -15x^2 + 26x + 80$$

×	$5x$	8
$-3x$	$-15x^2$	$-24x$
+10	$+50x$	+80

$$A_{74} = -8x(-2x+10)$$

$$= 16x^2 - 80x$$

×	$-2x$	10
$-8x$	$16x^2$	$-80x$

$$A_{75} = (6x+2)(7x-3)$$

$$= 42x^2 - 18x + 14x - 6$$

$$= 42x^2 - 4x - 6$$

×	$7x$	-3
6x	$42x^2$	$-18x$
+2	$+14x$	-6

$$A_{76} = (x-6)(4x-8)$$

$$= 4x^2 - 8x - 24x + 48$$

$$= 4x^2 - 32x + 48$$

×	$4x$	-8
x	$4x^2$	$-8x$
-6	$-24x$	+48

$$A_{77} = (-2x+5)(-2x-1)$$

$$= 4x^2 + 2x - 10x - 5$$

$$= 4x^2 - 8x - 5$$

×	$-2x$	-1
$-2x$	$4x^2$	+2x
+5	$-10x$	-5

$$A_{78} = (7x-3)(6x-10)$$

$$= 42x^2 - 70x - 18x + 30$$

$$= 42x^2 - 88x + 30$$

×	$6x$	-10
7x	$42x^2$	$-70x$
-3	$-18x$	+30

$$A_{79} = (-x+2)(-3x-7)$$

$$= 3x^2 + 7x - 6x - 14$$

$$= 3x^2 + x - 14$$

×	$-3x$	-7
$-x$	$3x^2$	+7x
+2	$-6x$	-14

$$A_{80} = (3x-6)(5x+4)$$

$$= 15x^2 + 12x - 30x - 24$$

$$= 15x^2 - 18x - 24$$

×	$5x$	4
3x	$15x^2$	+12x
-6	$-30x$	-24

$$A_{81} = (-8x+2)(10x+9)$$

$$= -80x^2 - 72x + 20x + 18$$

$$= -80x^2 - 52x + 18$$

×	$10x$	9
$-8x$	$-80x^2$	$-72x$
+2	$+20x$	+18

$$A_{82} = (-2x-8)(x+3)$$

$$= -2x^2 - 6x - 8x - 24$$

$$= -2x^2 - 14x - 24$$

×	x	3
$-2x$	$-2x^2$	$-6x$
-8	$-8x$	-24

$$A_{83} = (3x-6)(-8x+9)$$

$$= -24x^2 + 27x + 48x - 54$$

$$= -24x^2 + 75x - 54$$

×	$-8x$	9
3x	$-24x^2$	+27x
-6	$+48x$	-54

$$A_{84} = (9x-1)(9x-5)$$

$$= 81x^2 - 45x - 9x + 5$$

$$= 81x^2 - 54x + 5$$

×	$9x$	-5
9x	$81x^2$	$-45x$
-1	$-9x$	+5

$$A_{85} = 3x(2x+2)$$

$$= 6x^2 + 6x$$

×	$2x$	2
$3x$	$6x^2$	$+6x$

$$A_{86} = (6x-10)(-5x-3)$$

$$= -30x^2 - 18x + 50x + 30$$

$$= -30x^2 + 32x + 30$$

×	$-5x$	-3
$6x$	$-30x^2$	$-18x$
-10	$+50x$	$+30$

$$A_{87} = (7x-4)(-10x-5)$$

$$= -70x^2 - 35x + 40x + 20$$

$$= -70x^2 + 5x + 20$$

×	$-10x$	-5
$7x$	$-70x^2$	$-35x$
-4	$+40x$	$+20$

$$A_{88} = (x+5)(-3x)$$

$$= -3x^2 - 15x$$

×	$-3x$	
x	$-3x^2$	
$+5$	$-15x$	

$$A_{89} = (6x-9)(-10x-10)$$

$$= -60x^2 - 60x + 90x + 90$$

$$= -60x^2 + 30x + 90$$

×	$-10x$	-10
$6x$	$-60x^2$	$-60x$
-9	$+90x$	$+90$

$$A_{90} = (9x+8)(6x-2)$$

$$= 54x^2 - 18x + 48x - 16$$

$$= 54x^2 + 30x - 16$$

×	$6x$	-2
$9x$	$54x^2$	$-18x$
$+8$	$+48x$	-16

$$A_{91} = (7x-3)(-4x+3)$$

$$= -28x^2 + 21x + 12x - 9$$

$$= -28x^2 + 33x - 9$$

×	$-4x$	3
$7x$	$-28x^2$	$+21x$
-3	$+12x$	-9

$$A_{92} = (-x-6)(5x-1)$$

$$= -5x^2 - x + 30x + 6$$

$$= -5x^2 + 29x + 6$$

×	$5x$	-1
$-x$	$-5x^2$	$+x$
-6	$-30x$	$+6$

$$A_{93} = (-4x+7)(6x-2)$$

$$= -24x^2 + 8x + 42x - 14$$

$$= -24x^2 + 50x - 14$$

×	$6x$	-2
$-4x$	$-24x^2$	$+8x$
$+7$	$+42x$	-14

$$A_{94} = (-2x-6)(-6x+10)$$

$$= 12x^2 - 20x + 36x - 60$$

$$= 12x^2 + 16x - 60$$

×	$-6x$	10
$-2x$	$12x^2$	$-20x$
-6	$+36x$	-60

$$A_{95} = (9x+10)(2x-4)$$

$$= 18x^2 + 36x + 20x - 40$$

$$= 18x^2 + 56x - 40$$

×	$2x$	-4
$9x$	$18x^2$	$-36x$
$+10$	$+20x$	-40

$$A_{96} = (6x+6)(7x+8)$$

$$= 42x^2 + 48x + 42x + 48$$

$$= 42x^2 + 90x + 48$$

×	$7x$	8
$6x$	$42x^2$	$+48x$
$+6$	$+42x$	$+48$

$$A_{97} = (-10x-8)(-7x)$$

$$= 70x^2 + 56x$$

×	$-7x$	
$-10x$	$70x^2$	
-8	$+56x$	

$$A_{98} = (2x-3)(-5x-10)$$

$$= -10x^2 + 20x + 15x + 30$$

$$= -10x^2 + 35x + 30$$

×	$-5x$	-10
$2x$	$-10x^2$	$-20x$
-3	$+15x$	$+30$

$$A_{99} = (-5x - 8)(-x - 8)$$

$$= 5x^2 + \underbrace{40x + 8x}_{+48x} + 64$$

$$= 5x^2 + 48x + 64$$

×	$-x$	-8
$-5x$	$5x^2$	$+40x$
-8	$+8x$	$+64$

$$A_{100} = (4x + 9)(-4x)$$

$$= -16x^2 - 36x$$

×	$-4x$	
$4x$	$-16x^2$	
$+9$	$-36x$	

$$A_{101} = (-10x + 2)(8x - 4)$$

$$= -80x^2 + \underbrace{40x + 16x}_{+56x} - 8$$

$$= -80x^2 + 56x - 8$$

×	$8x$	-4
$-10x$	$-80x^2$	$+40x$
$+2$	$+16x$	-8

$$A_{102} = (x - 5)(-x - 8)$$

$$= -x^2 - \underbrace{8x + 5x}_{-13x} + 40$$

$$= -x^2 - 13x + 40$$

×	$-x$	-8
x	$-x^2$	$-8x$
-5	$+5x$	$+40$

$$A_{103} = (7x - 8)(7x + 9)$$

$$= 49x^2 + \underbrace{63x - 56x}_{+7x} - 72$$

$$= 49x^2 + 7x - 72$$

×	$7x$	9
$7x$	$49x^2$	$+63x$
-8	$-56x$	-72

$$A_{104} = (-10x - 1)(-10x + 5)$$

$$= 100x^2 - \underbrace{50x + 10x}_{-40x} - 5$$

$$= 100x^2 - 40x - 5$$

×	$-10x$	5
$-10x$	$100x^2$	$-50x$
-1	$+10x$	-5

$$A_{105} = (6x + 9)(-6x - 9)$$

$$= -36x^2 - \underbrace{54x - 54x}_{0} - 81$$

$$= -36x^2 - 81$$

×	$-6x$	-9
$6x$	$-36x^2$	$-54x$
$+9$	$-54x$	-81

$$A_{106} = (4x + 7)(-5x + 9)$$

$$= -20x^2 + \underbrace{36x - 35x}_{+x} + 63$$

$$= -20x^2 + x + 63$$

×	$-5x$	9
$4x$	$-20x^2$	$+36x$
$+7$	$-35x$	$+63$

$$A_{107} = (-2x + 1)(2x + 10)$$

$$= -4x^2 - \underbrace{20x + 2x}_{-18x} + 10$$

$$= -4x^2 - 18x + 10$$

×	$2x$	10
$-2x$	$-4x^2$	$-20x$
$+1$	$+2x$	$+10$

$$A_{108} = (-6x + 10)(7x + 9)$$

$$= -42x^2 - \underbrace{54x + 70x}_{+16x} + 90$$

$$= -42x^2 + 16x + 90$$

×	$7x$	9
$-6x$	$-42x^2$	$-54x$
$+10$	$+70x$	$+90$

$$A_{109} = (6x - 6)(9x - 8)$$

$$= 54x^2 - \underbrace{48x - 54x}_{-6x} + 48$$

$$= 54x^2 - 6x + 48$$

×	$9x$	-8
$6x$	$54x^2$	$-48x$
-6	$-54x$	$+48$

$$A_{110} = (-6x + 1)(-7x - 9)$$

$$= 42x^2 - \underbrace{54x - 7x}_{-47x} - 9$$

$$= 42x^2 - 47x - 9$$

×	$-7x$	-9
$-6x$	$42x^2$	$+54x$
$+1$	$-7x$	-9

$$A_{111} = (9x + 9)(-6x - 7)$$

$$= -54x^2 - \underbrace{63x - 54x}_{-9x} - 63$$

$$= -54x^2 - 9x - 63$$

×	$-6x$	-7
$9x$	$-54x^2$	$-63x$
$+9$	$-54x$	-63

$$A_{112} = (2x + 6)(10x - 8)$$

$$= 20x^2 - \underbrace{16x + 60x}_{+44x} - 48$$

$$= 20x^2 + 44x - 48$$

×	$10x$	-8
$2x$	$20x^2$	$-16x$
$+6$	$+60x$	-48