



Expand each problem using the box method.

Answers

1) $(6x^2+4x-7)(1x^2-2x)$

2) $(1x^2-4x)(-4x^2-6x)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

3) $(9x^2+4x)(-3x^2-1x)$

4) $(-8x^2-7x)(7x^2-4x-5)$

5) $(6x^2-7x-9)(7x^2+5x)$

6) $(6x^2-1x+2)(1x^2-2x)$

7) $(-5x^2-6x)(-9x^2-5x-4)$

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

9) $(-2x^2-7x+5)(1x^2-4x-5)$

10) $(-9x^2-8x-4)(9x^2-4x-2)$



Expand each problem using the box method.

Answers

1) $(6x^2+4x-7)(1x^2-2x)$

	$6x^2$	$4x$	-7
$1x^2$	$6x^4$	$4x^3$	$-7x^2$
$-2x$	$-12x^3$	$-8x^2$	$14x$

2) $(1x^2-4x)(-4x^2-6x)$

	$1x^2$	$-4x$
$-4x^2$	$-4x^4$	$16x^3$
$-6x$	$-6x^3$	$24x^2$

3) $(9x^2+4x)(-3x^2-1x)$

	$9x^2$	$4x$
$-3x^2$	$-27x^4$	$-12x^3$
$-1x$	$-9x^3$	$-4x^2$

4) $(-8x^2-7x)(7x^2-4x-5)$

	$-8x^2$	$-7x$
$7x^2$	$-56x^4$	$-49x^3$
$-4x$	$32x^3$	$28x^2$
-5	$40x^2$	$35x$

5) $(6x^2-7x-9)(7x^2+5x)$

	$6x^2$	$-7x$	-9
$7x^2$	$42x^4$	$-49x^3$	$-63x^2$
$5x$	$30x^3$	$-35x^2$	$-45x$

6) $(6x^2-1x+2)(1x^2-2x)$

	$6x^2$	$-1x$	2
$1x^2$	$6x^4$	$-1x^3$	$2x^2$
$-2x$	$-12x^3$	$2x^2$	$-4x$

7) $(-5x^2-6x)(-9x^2-5x-4)$

	$-5x^2$	$-6x$
$-9x^2$	$45x^4$	$54x^3$
$-5x$	$25x^3$	$30x^2$
-4	$20x^2$	$24x$

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

	$-2x^2$	$1x$	5
$-8x^2$	$16x^4$	$-8x^3$	$-40x^2$
$7x$	$-14x^3$	$7x^2$	$35x$
-9	$18x^2$	$-9x$	-45

9) $(-2x^2-7x+5)(1x^2-4x-5)$

	$-2x^2$	$-7x$	5
$1x^2$	$-2x^4$	$-7x^3$	$5x^2$
$-4x$	$8x^3$	$28x^2$	$-20x$
-5	$10x^2$	$35x$	-25

10) $(-9x^2-8x-4)(9x^2-4x-2)$

	$-9x^2$	$-8x$	-4
$9x^2$	$-81x^4$	$-72x^3$	$-36x^2$
$-4x$	$36x^3$	$32x^2$	$16x$
-2	$18x^2$	$16x$	8

1. $6x^4-8x^3-15x^2+14x$

2. $-4x^4+10x^3+24x^2$

3. $-27x^4-21x^3-4x^2$

4. $-56x^4-17x^3+68x^2+35x$

5. $42x^4-19x^3-98x^2-45x$

6. $6x^4-13x^3+4x^2-4x$

7. $45x^4+79x^3+50x^2+24x$

8. $16x^4-22x^3-15x^2+26x-45$

9. $-2x^4+x^3+43x^2+15x-25$

10. $-81x^4-36x^3+14x^2+32x+8$