POLYNOMIAL OPERATIONS STATIONS PRACTICE

STATION 1

$$(7x - 3x^3) + (7x + x^3)$$

STATION 2

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

STATION 3

$$(3a^3 - a^2) + (3a^2 - 3a^3)$$

STATION 4

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

STATION 5

$$(8 - 8x^3) - (2x^3 - 8x)$$

STATION 6

$$(6k^2 + 6) - (1 - 7k^2)$$

STATION 7

$$(7v - 7v^2) + (8v^2 - 5v - 5)$$

STATION 8

$$(3x + 5) - (1 - 4x - 2x^3)$$

STATION 9

$$(2n - 3) - (8n - 8n^2 + 4)$$

STATION 10

$$(5v^3 - 3v^2) + (8v^2 - 7v^3 - 3v)$$

STATION 11

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

STATION 12

$$(4m - 2)(4m + 2)$$

STATION 13

$$(7r - 5)(7r + 5)$$

STATION 14

$$(5n + 4)(5n - 4)$$

STATION 15

$$8(4r + 6)$$

STATION 16

$$2(8x + 1)$$

$$(n - 5)(5n - 7)$$

$$(k + 5)(7k + 4)$$

$$(4p - 2)(p - 4)$$

$$(5a - 3)(2a - 8)$$

$$(5a - 6)(4a^2 - a + 5)$$

STATION 22

$$(3n + 5)(4n^2 + 5n - 3)$$

Stations - Work and Answer Sheet: Name: _____

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21		22	

Answers to Stations:

1) $-2x^3 + 14x$

2) $-5x^2 - 1$

3) $2a^2$

4) $8p^2 + 1$

5) $-10x^3 + 8x + 8$

6) $13k^2 + 5$

7) $v^2 + 2v - 5$

8) $2x^3 + 7x + 4$

9) $8n^2 - 6n - 7$

10) $-2v^3 + 5v^2 - 3v$

11) $4x^2 - 1$

12) $16m^2 - 4$

13) $49r^2 - 25$

14) $25n^2 - 16$

15) $32r + 48$

16) $16x + 2$

17) $5n^2 - 32n + 35$

18) $7k^2 + 39k + 20$

19) $4p^2 - 18p + 8$

20) $10a^2 - 46a + 24$

21) $20a^3 - 29a^2 + 31a - 30$

22) $12n^3 + 35n^2 + 16n - 15$