

**Follow ALL steps below:**

1. Show all work on this paper or a lined-sheet of paper \*\*you will need to **turn in** later!
2. Log in your answers on the Google Form [link posted in [GoogleClass](#) > [Classwork](#) tab > [Make-up credits](#)] \*\*do **write score/grade** down after you hit Submit – view score.
3. Turn in your work (papers) to Ms. Nong with the score for this work & **check grade** in Aerie

**Multiplying Polynomials** **5.44**

Use the box method & show **ALL** work for full credits!



Also posted at teacher's website:

<https://www.sausd.us/Page/18573>

1)  $2(2n + 3)$

2)  $4(8p + 1)$

3)  $5(5n - 2)$

4)  $4(5a + 7)$

5)  $4n(5n^2 - 7n - 3)$

6)  $6n^3(5n^2 - 7n + 1)$

7)  $7r^2(3r^2 - 2r - 5)$

8)  $3n^2(8n^2 + 5n - 8)$

9)  $3a^3(8a + b)$

10)  $8xy(x + 8y)$

11)  $-3v(-8u^2 - 8uv - 7v^2)$

12)  $-y^2(-8x^2 - 6xy - y^2)$

13)  $(n - 7)(3n + 1)$

14)  $(7n + 8)(8n - 3)$

15)  $(5p - 5)(7p + 6)$

16)  $(5x + 2)(7x - 2)$

17)  $(2a - 8b)(6a - 8b)$

18)  $(7m - 5n)(2m + 5n)$

19)  $(2a - 6b)(7a - 3b)$

20)  $(x + 6y)(5x + 7y)$

21)  $(6a - 6)(-2a^2 - 4a - 8)$

22)  $(-6m + 6)(3m^2 + 4m - 3)$

23)  $(3x - y)(6x^2 + 5xy - 7y^2)$

24)  $(3x + 8y)(2x^2 - 4xy + 6y^2)$

25)  $(r^2 + 6r + 5)(5r^2 + r - 5)$

26)  $(-3m^2 - 2mn - 8n^2)(8m^2 + 4mn + n^2)$

27)  $(-8n^2 - n + 7)(5n + 4)$

28)  $(-6b^2 + b + 6)(-b + 8)$

29)  $(x^2 + 2xy + y^2)(x - 2y)$

30)  $(6m^2 - 8mn + 4n^2)(8m + 8n)$