

Name : \_\_\_\_\_

## Factorial & Product Form

L2S2

A) Express the following in product form.

1)  $(8 + 3n)! =$  \_\_\_\_\_

2)  $(6n - 4)! =$  \_\_\_\_\_

3)  $(7n)! =$  \_\_\_\_\_

4)  $(-3 + 4n)! =$  \_\_\_\_\_

5)  $(9n + 6)! =$  \_\_\_\_\_

B) Express the

1)  $(8n + 9).(8n -$  \_\_\_\_\_

2)  $(-2 + 5n).(-3$  \_\_\_\_\_

3)  $(n - 1).(n - 2).(n - 3)...2.1 =$  \_\_\_\_\_

4)  $9n.(9n - 1).(9n - 2)...2.1 =$  \_\_\_\_\_

5)  $(5 + 2n).(4 + 2n).(3 + 2n)...2.1 =$  \_\_\_\_\_

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