

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

## Factorial & Product Form

L2S3

A) Express the following in product form.

1)  $(8n + 6)! =$  \_\_\_\_\_

2)  $(-7 + 5n)! =$  \_\_\_\_\_

3)  $(9 + n)! =$  \_\_\_\_\_

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

5)  $(3n - 2)! =$  \_\_\_\_\_

B) Express the

1)  $(6n - 1).(6n -$  \_\_\_\_\_

2)  $(9n + 4).(9n -$  \_\_\_\_\_

3)  $(2 + 7n).(1 + 7n).7n...2.1 =$  \_\_\_\_\_

4)  $(-6 + 2n).(-7 + 2n).(-8 + 2n)...2.1 =$  \_\_\_\_\_

5)  $4n.(4n - 1).(4n - 2)...2.1 =$  \_\_\_\_\_

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