

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) $4n.(4n - 1).(4n - 2)...2.1$ = _____

PREVIEW

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet. **Log in**

Not a member? Please sign up to gain complete access. **Sign up**

www.mathworksheets4kids.com

Name : _____

Answer key

Factorial & Product Form

L2S3

A) Express the following in product form.

1) $(8n + 6)! = \underline{(8n + 6).(8n + 5).(8n + 4)...2.1}$

2) $(-7 + 5n)! = \underline{(-7 + 5n).(-8 + 5n).(-9 + 5n)...2.1}$

3) $(9 + n)! = \underline{\hspace{10em}2.1}$

4) $(2n)! = \underline{\hspace{10em}.1}$

5) $(3n - 2)! = \underline{\hspace{10em}..2.1}$

B) Express the

1) $(6n - 1).(6n - \hspace{1em}) = \underline{\hspace{10em} - 1)!$

2) $(9n + 4).(9n - \hspace{1em}) = \underline{\hspace{10em} + 4)!$

3) $(2 + 7n).(1 + 7n).7n...2.1 = \underline{(2 + 7n)!}$

4) $(-6 + 2n).(-7 + 2n).(-8 + 2n)...2.1 = \underline{(-6 + 2n)!}$

5) $4n.(4n - 1).(4n - 2)...2.1 = \underline{(4n)!}$

PREVIEW

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet. **Log in**

Not a member? Please sign up to gain complete access. **Sign up**

www.mathworksheets4kids.com