

Simplifying the Expressions

Simplify.

1) $\frac{(5n - 9)!}{(5n - 7)!}$

2) $\frac{(n + 5)!}{(n + 5)(n + 4)!} + 0!$

3) $\frac{(n!)^2}{n!(n - 3)!}$

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

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

www.mathworksheets4kids.com

5) $\frac{n(3n + 8)!}{(3n + 9)!}$

Simplifying the Expressions

Simplify.

1) $\frac{(5n - 9)!}{(5n - 7)!}$

2) $\frac{(n + 5)!}{(n + 5)(n + 4)!} + 0!$

3) $\frac{(n!)^2}{n!(n - 3)!}$

5) $\frac{n(3n + 8)!}{(3n + 9)!}$

$\frac{1}{(5n - 7)(5n - 8)}$

$2n$

$\frac{n}{3(n + 3)}$

$\frac{8}{3n}$

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

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

www.mathworksheets4kids.com