

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

## Solving the Equations

L2S4

Solve.

1)  $7(2n + 0!) = 42$

2)  $\frac{3n(n - 2)!}{n!} = 1$

3)  $(n!)^3 = 21$

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$(4n - 1)!$

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5)  $\frac{(n^2 - 4)}{(n - 2)(n^2)}$

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$n!$

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## Answer key

L2S4

### Solving the Equations

Solve.

1)  $7(2n + 0)! = 42$

2)  $\frac{3n(n-2)!}{n!} = 1$

**n = 1**

3)  $(n!)^3 = 216$

**n = 3**

5)  $\frac{(n^2 - 4)}{(n - 2)(n^2)}$

**n = 13**

**n = 6**

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