

**Solve the Equations**

L1S1

Solve.

1)  $6! C(n - 1, 7) = P(6, 5)$

2)  $P(14, n) = 14C(13, n) \times n!$

3)  $P(8, 1) + 2!$

**PREVIEW**

4)  $\times (5r - 4)! = 26$

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5)  $-53 = 67 -$

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6)  $\frac{6}{7!}$

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7)  $P(6, r) = \frac{r \times C(10, 3)}{(6 - r)!}$

8)  $3P(7n, 1) - C(7n, 2) = 0$

## Solve the Equations

Solve.

1)  $6! C(n - 1, 7) = P(6, 5)$

2)  $P(14, n) = 14C(13, n) \times n!$

$n = 8$

$n = 13$

3)  $P(8, 1) + 2!$

$4) \times (5r - 4)! = 26$

**PREVIEW**

$r = \frac{9}{2}$  or  $r =$

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5)  $-53 = 67 -$

$\frac{6}{7!}$

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$n = \frac{5}{4}$  or  $n$

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7)  $P(6, r) = \frac{r \times C(10, 3)}{(6 - r)!}$

8)  $3P(7n, 1) - C(7n, 2) = 0$

$r = 6$

$n = 1$