

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

## Solve the Equations

L2S3

Solve.

1)  $P(n, 7) = 108P(8, 4)$

2)  $\frac{P(n, 4)}{n} = 13(n^2 - 5n + 6)$

3)  $P(8, 2r - 2) =$

# PREVIEW

$$= \frac{(7r - 1)!}{42(6r - 1)!}$$

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5)  $P(6, 2) = P(3, 2)$

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$$\frac{6}{P(5, 4)}$$

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7)  $P(2n, n + 1) = 70P(2n - 1, n)$

8)  $P(24, 1) = 3(P(16, r) - 8)$