

Name : _____

Solve the Equations

L1S4

Solve.

1) $120P(13, 8r) = 5! \times 13$

2) $P(n + 1, n - 5) - 18 = -11$

3) $\frac{1}{P(n, 7)} = \frac{8}{n}$

PREVIEW

$+ 15 = 39$

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5) $28 = 7(P(3,$

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$P(3n, 5)$

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7) $61 = 49 + P(4, 2r)$

8) $\frac{P(9, r)}{36} = 7!$

Solve the Equations

Solve.

1) $120P(13, 8r) = 5! \times 13$

2) $P(n + 1, n - 5) - 18 = -11$

$$r = \frac{1}{8}$$

$$n = 6$$

3) $\frac{1}{P(n, 7)} = \frac{8}{n}$

PREVIEW

$+ 15 = 39$

$$n = 15$$

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5) $28 = 7(P(3,$

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$P(3n, 5)$

$$r = 2; r = 3$$

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7) $61 = 49 + P(4, 2r)$

8) $\frac{P(9, r)}{36} = 7!$

$$r = 1$$

$$r = 7$$