

Name : _____

Solve the Equations

L1S3

Solve.

1) $C(n + 1, 7) = 0!$

2) $6C(4, 3r) = \frac{4!}{(4 - 3r)!}$

3) $\frac{8!}{C(8, r)} = r!$

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$\frac{10}{(11n, 1)}$

5) $(n - 6)! \times C$

$2) + 66 = 0$

7) $(2r)! \times C(9, 2r) = 72$

8) $8(C(5n, 1) - 7) = 24$

Solve the Equations

Solve.

1) $C(n + 1, 7) = 0!$

2) $6C(4, 3r) = \frac{4!}{(4 - 3r)!}$

$n = 6$

$r = 1$

3) $\frac{8!}{C(8, r)} = r!$

$\frac{10}{(11n, 1)}$

$r = 3$

5) $(n - 6)! \times C$

$2) + 66 = 0$

$n = 7$

7) $(2r)! \times C(9, 2r) = 72$

8) $8(C(5n, 1) - 7) = 24$

$r = 1$

$n = 2$

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