

Name : _____

Permutations & Combinations

L1S3

Evaluate the following.

1) $C(55, 54) - P(15, 2)$ 2) $C(8, 6) \times P(3, 3)$ 3) $\frac{C(6, 5)}{2!} + 15$

4) $\frac{C(10, 3)}{P(4, 2) + 24}$

PREVIEW

$-C(18, 17) - P(6, 6)$

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7) $\frac{40P(11, 2)}{5! \times 55}$

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$9 + \frac{C(5, 3)}{P(5, 2)}$

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10) $-13 + P(8, 1)$

11) $\frac{P(11, 4)}{C(10, 7)}$

12) $-\frac{4!}{C(9, 8) \times P(16, 1)}$