

Name : _____

Evaluating Permutations

L1S4

Evaluate the following.

1) $5! - P(57, 2)$

2) $70 + P(16, 1)$

3) $-P(8, 5)$

4) $-\frac{P(12, 4)}{55} - 1$

$3P(45, 1) - 100$

7) $P(6, 6) \times 2P(4, 2)$

$-28 + P(31, 2)$

PREVIEW

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10) $8(P(10, 3) + 4!)$

11) $P(59, 2) - P(9, 4)$

12) $\frac{210}{4P(15, 4)}$

Name : _____

Answer key

Evaluating Permutations

L1S4

Evaluate the following.

1) $5! - P(57, 2)$

2) $70 + P(16, 1)$

3) $-P(8, 5)$

-3,072

86

-6,720

4) $-\frac{P(12, 4)}{55} - 1$

PREVIEW

$3P(45, 1) - 100$

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-229

35

7) $P(6, 6) \times 2P(4, 2)$

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$-28 + P(31, 2)$

5,760

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902

10) $8(P(10, 3) + 4!)$

11) $P(59, 2) - P(9, 4)$

12) $\frac{210}{4P(15, 4)}$

5,952

398

$\frac{1}{624}$