

Name : _____

Evaluating Permutations

L1S5

Evaluate the following.

1) $-41P(2, 2)$

2) $\frac{P(8, 7)}{90}$

3) $P(7, 4) + 5P(13, 2)$

4) $3! (P(6, 6) - P($

PREVIEW

$-(5!) - P(9, 3)$

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7) $P(21, 3) + 2!$

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$P(3, 2) \times 2P(73, 1)$

10) $\frac{P(7, 6)}{P(60, 1)}$

11) $P(12, 2)$

12) $-398 + P(11, 4)$

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Name : _____

Answer key

Evaluating Permutations

L1S5

Evaluate the following.

1) $-41P(2, 2)$

-82

2) $\frac{P(8, 7)}{90}$

448

3) $P(7, 4) + 5P(13, 2)$

1,620

4) $3! (P(6, 6) - P(6, 5))$

PREVIEW

$-(5!) - P(9, 3)$

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3,600

-624

7) $P(21, 3) + 2!$

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$P(3, 2) \times 2P(73, 1)$

7,982

876

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10) $\frac{P(7, 6)}{P(60, 1)}$

84

11) $P(12, 2)$

132

12) $-398 + P(11, 4)$

7,522