

Name : _____

Evaluating Combinations

L1S2

Evaluate the following.

1) $6 + 5C(18, 17)$

2) $-3C(24, 21)$

3) $-\frac{C(57, 55)}{3}$

4) $-43 - C(36, 34)$

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$C(7, 2) + 8C(3, 3)$

7) $C(9, 5) \times 2C(4, 4)$

$C(14, 12)$

10) $-C(74, 1) + 615$

11) $-C(17, 13) - C(10, 6)$

12) $\frac{43}{C(86, 85)} + 3!$

Name : _____

Answer key

Evaluating Combinations

L1S2

Evaluate the following.

1) $6 + 5C(18, 17)$

96

2) $-3C(24, 21)$

-6,072

3) $-\frac{C(57, 55)}{3}$

-532

4) $-43 - C(36, 34)$

-673

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$C(7, 2) + 8C(3, 3)$

29

7) $C(9, 5) \times 2C(4, 4)$

252

$C(14, 12)$

91

10) $-C(74, 1) + 615$

541

11) $-C(17, 13) - C(10, 6)$

-2,590

12) $\frac{43}{C(86, 85)} + 3!$

$\frac{13}{2}$ or $6\frac{1}{2}$