

Name : \_\_\_\_\_

## Evaluating Combinations

L2S1

Evaluate the following.

1)  $2! - \frac{C(76, 73)}{C(75, 2)} + C(7, 2)$

2)  $\frac{C(48, 45)}{C(47, 45)} - \frac{C(39, 30)}{C(38, 29)}$

3)  $\frac{C(66, 3) \times C(1)}{28C(65, 6)} + \frac{62}{C(21, 18)}$

5)  $33C(5, 1) - \frac{C(52, 52)}{C(5, 4)}$

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## Evaluating Combinations

Evaluate the following.

$$1) \quad 2! - \frac{C(76, 73)}{C(75, 2)} + C(7, 2)$$

$$2) \quad \frac{C(48, 45)}{C(47, 45)} - \frac{C(39, 30)}{C(38, 29)}$$

$$- \frac{7}{3} \text{ or } -2 \frac{1}{3}$$

# PREVIEW

$$\frac{7}{10}$$

$$3) \quad \frac{C(66, 3) \times C(1)}{28C(65, 6)}$$

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$$\frac{+ 62}{C(21, 18)}$$

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$$3,432$$

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$$5) \quad 33C(5, 1) - C$$

$$\frac{C(52, 52)}{C(5, 4)}$$

$$0$$

$$\frac{21}{20} \text{ or } 1 \frac{1}{20}$$