

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

## Evaluating Factorial

L2S3

Evaluate the following.

1)  $\frac{(1! + 3!)^2}{7}$

2)  $\frac{7! - 6! + 20}{2! \times 10}$

3)  $\frac{32!}{33!} \times \frac{99!}{98!}$

4)  $\frac{(19!)^2}{19! 18!}$

$\frac{((3! - 3)!)^2}{((2^2)!)^2}$

7)  $\frac{10!}{5!} \div \frac{9!}{7!} \times$

$\frac{1! \times 48}{4!} - \frac{67!}{66!}$

10)  $(3!)^2 + 4! 0! + 7$

11)  $\frac{(3! 2!)^2}{(15^0)!}$

12)  $6! - (2 \times 8! \div 96)$

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