

Name : _____

Evaluating Factorial

L2S5

Evaluate the following.

1) $((12 - 11 + 0!)!)^4$ 2) $((4! \div 12)!)^2 - 10$ 3) $5! 3! \times 24 \div 4!$

4) $\frac{6! - 5!}{5!}$

$36 - 0! + \sqrt{\frac{64!}{63!}}$

7) $\frac{(4! - (3 \times 3!))}{(3!)^2}$

$\frac{91! 1!}{89! \times 7} \div 2$

PREVIEW

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10) $(1!)^3 - (2!)^3$

11) $\frac{78!}{77! \times 26} + 4!$

12) $\frac{(24 \div 3!)^2}{(2! + 4)^3}$

Evaluating Factorial

Evaluate the following.

1) $((12 - 11 + 0!)!)^4$

2) $((4! \div 12)!)^2 - 10$

3) $5! 3! \times 24 \div 4!$

16**-6****720**

4) $\frac{6! - 5!}{5!}$

PREVIEW

36 - 0! + $\sqrt{\frac{64!}{63!}}$

5

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7) $\frac{(4! - (3 \times 3!))}{(3!)^2}$

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$\frac{91! 1!}{89! \times 7} \div 2$

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10) $(1!)^3 - (2!)^3$

11) $\frac{78!}{77! \times 26} + 4!$

12) $\frac{(24 \div 3!)^2}{(2! + 4)^3}$

-7**27** **$\frac{2}{27}$**