

Name : _____

Factorials - MCQ

Sheet 5

1) Which of the following is equivalent to $\sqrt{(7 + 2!)}$?

- a) $3!$ b) $3 + 0!$ c) $3(3!)$ d) $2! + 1!$

2) $\frac{6(3!)}{2! + 0!} = ?$

- a) $4! - 6(2!)$ b) $4! + 6(2!)$ c) $4(3!) + 5(2!)$ d) $(5 - 2)!$

3) Which of the following is true?

- a) $(n + 1)!$ d) $n + 1$

4) What is the LCM of n and $n - 1$?

- a) $(n - 3)!$ d) $(n - 7)!$

5) $5! = g(4!) - 4!$, find g .

- a) $2! + 1!$ d) $4! - 1!$

6) Which of the following is true?

- a) $1! 3! = 3(2!)$ b) $3! + 3! = 6!$ c) $5! = 5(4!) - 1!$ d) $5! - 0! = 4!$

7) Which of the following is the least number?

- a) $2! + 0!$ b) $3! - 2$ c) $3! - 3(2!)$ d) $3! - 2(2!)$

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