Name : _____

Factorials - MCQ

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

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

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

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

3) Which of the follo

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

4) What is the LCM o

   a) (n − 3)!   d) (n − 7)!

5) 5! = g(4!) − 4!, find

   a) 2! + 1!   d) 4! − 1!

6) Which of the follo

   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!)