

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

## Factorials - MCQ

Sheet 1

1) Which of the following statements is true?

- a)  $4! 3! = 12!$       b)  $3! + 4! = 7!$       c)  $4! - 3! = 1!$       d)  $\frac{4!}{3!} = 2(2!)$

2) What is the LCM of 1!, 2! and 5!?

- a) 120      b) 2      c) 1      d) 240

3) Which of the following is true?

- a)  $n - 1$       b)  $n + 1$       c)  $n + 2$       d)  $n$

4) What is the value of  $4!$ ?

- a) 18!      b) 24      c) 24!      d) 714

5) Which of the following is true?

- a)  $30(4!)$       b)  $30(3!)$       c)  $30(2!)$       d)  $20(6!)$

6)  $0! = ?$

- a) 1      b) 0      c) 3      d) 2

7)  $8x + 4! = 7!$ , find the value of x.

- a) 627      b) 626      c) 11!      d)  $\frac{3!}{8}$

**PREVIEW**

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

**Factorials - MCQ**

1) Which of the following statements is true?

a)  $4! 3! = 12!$

b)  $3! + 4! = 7!$

c)  $4! - 3! = 1!$

d)   $\frac{4!}{3!} = 2(2!)$

2) What is the LCM of 1!, 2! and 5!?

a)  120

b) 2

c) 1

d) 240

3) Which of the following is true?

a)  $n - 1$

d)   $n$

4) What is the value of  $4!$ ?

a) 18!

d) 714

5) Which of the following is true?

a)  $30(4!)$

d)  $20(6!)$

6)  $0! = ?$

a)  1

b) 0

c) 3

d) 2

7)  $8x + 4! = 7!$ , find the value of  $x$ .

a)  627

b) 626

c) 11!

d)  $\frac{3!}{8}$

# PREVIEW

Gain complete access to the largest  
collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)