

Name: Class:

Factorials

General formula for evaluating factorials

$$n! = n (n-1) \dots 2 \times 1$$

Where n is any positive integer.

Evaluate the following factorials below.

6!

10! =

5! =

7! =

8! =

4! =

2! =

3! =

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General formula for evaluating factorials
 $n! = n (n-1) \dots 2 \times 1$

Where n is any positive integer.

Evaluate the following factorials below.

6!

Use the formula,
 $n! = n (n-1) \dots 2 \times 1$
 Where n is any positive integer.
 $6! = 6(6-1)(6-2)(6-3)(6-4)(6-5)$
 $6! = 6 \times 5 \times 4 \times 3 \times 2 \times 1$
 $6! = 720$

5! = **120**

8! = **40,320**

2! = **2**

10! = **3,628,800**

7! = **5,040**

4! = **24**

3! = **6**