

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 Below

$$6! =$$

Use the formula,

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

Where n is any positive integer

$$6! = 6(6-1)(6-2)(6-3)(6-4)(6-5)$$

$$6! = 6 \times 5 \times 4 \times 3 \times 2 \times 1$$

$$6! = 720$$

$$5! =$$

$$8! =$$

$$2! =$$

$$10! =$$

$$7! =$$

$$4! =$$

$$3! =$$

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$$6! = 6 \times 5 \times 4 \times 3 \times 2 \times 1$$

$$6! = 720$$

$$5! = 120$$

$$8! = 40,320$$

$$2! = 2$$

$$10! = 3,628,800$$

$$7! = 5,040$$

$$4! = 24$$

$$3! = 6$$