


# Snowflake

## BigInt Math Library

BigInt Function	Snowflake Reference Function	Key Differences
BIGINT_DIV0	<a href="#">DIV0</a>	
TO_BIGINT	<a href="#">TO_NUMBER</a>	Returns a string type in Snowflake or an error if the value cannot be cast as a BigInt.
TRY_TO_BIGINT	<a href="#">TRY_TO_NUMBER</a>	Returns a string type in Snowflake or null if the value cannot be cast as a BigInt.
BIGINT_ADD	+	
BIGINT_SUBTRACT	-	
BIGINT_MULTIPLY	*	
BIGINT_DIVIDE	/	
BIGINT_POW, BIGINT_POWER	<a href="#">POW, POWER</a>	The exponent must be a positive integer. Negative exponents will return null. If the exponent has a decimal portion, the function will truncate it before exponentiation.
BIGINT_GT, BIGINT_GREATER_THAN	>	
BIGINT_LT, BIGINT_LESS_THAN	<	
BIGINT_LT_OR_EQ, BIGINT_LESS_THAN_OR_EQUAL	<=	
BIGINT_GT_OR_EQ, BIGINT_GREATER_THAN_OR_EQUAL	>=	
BIGINT_EQ, BIGINT_EQUALS	=	
IS_BIGINT	<a href="#">IS_INTEGER</a>	Returns true if the input can be cast to a BigInt.
BIGINT_MOD	<a href="#">%, MOD</a>	

BIGINT_SIGN	<a href="#">SIGN</a>	
BIGINT_SQUARE	<a href="#">SQUARE</a>	
BIGINT_FACTORIAL	<a href="#">FACTORIAL</a>	
BIGINT_ABS	<a href="#">ABS</a>	
BIGINT_RANDOM	<a href="#">RANDOM</a>	Returns a BigInt with the number of digits specified in the parameter. It could be fewer digits if the leading digits randomly lead with one or more zeros.
BIGINT_SQRT	<a href="#">SQRT</a>	Truncates any decimal portion.
AS_BIGINT	<a href="#">AS_INTEGER</a>	Returns a Snowflake string type containing a BigInt if the input can be cast to a BigInt.
BIGINT_CBRT	<a href="#">CBRT</a>	Truncates any decimal portion.
BIGINT_NTH_ROOT	<a href="#">POWER, POW</a>	Since BIGINT_POW cannot accept fractional exponents, this function enables the calculation of the N <sup>th</sup> root. The function truncates any decimal portion of the root.
BIGINT_TRUNC, BIGINT_TRUNCATE	<a href="#">TRUNC,</a> <a href="#">TRUNCATE</a>	Works like the Snowflake TRUNCATE function only for negative second parameters.
BIGINT_NULLIF	<a href="#">NULLIF</a>	
BIGINT_NULLIFZERO	<a href="#">NULLIFZERO</a>	
BIGINT_IFNULL	<a href="#">IFNULL</a>	
BIGINT_NVL	<a href="#">NVL</a>	
BIGINT_NVL2	<a href="#">NVL2</a>	
NEGATE	-	Negates a BigInt. Works like the unary  operator.