Name	Description
\$setEquals	Returns true if the input sets have the same distinct elements. Accepts two or more argument
	expressions.
\$setInters	e Returns a set with elements that appear in all of the input sets. Accepts any number of argument
	expressions.
\$setUnion	Returns a set with elements that appear in any of the input sets. Accepts any number of argument
	expressions.
\$setDifferenReturns a set with elements that appear in the first set but not in the second set; i.e. perform	
	relative complement ²⁰ of the second set relative to the first. Accepts exactly two argument
	expressions.
\$setIsSubsetReturns true if all elements of the first set appear in the second set, including when the first se	
	equals the second set; i.e. not a strict subset ²¹ . Accepts exactly two argument expressions.
\$anyElemen	Returns true if any elements of a set evaluate to true; otherwise, returns false. Accepts a
	single argument expression.
\$allElemen	Returns true if no element of a set evaluates to false, otherwise, returns false. Accepts a
	single argument expression.

Comparison Expressions Comparison expressions return a boolean except for \$cmp which returns a number.

The comparison expressions take two argument expressions and compare both value and type, using the *specified BSON comparison order* (page 179) for values of different types.

Name	Description
\$cmp	Returns: 0 if the two values are equivalent, 1 if the first value is greater than the second, and -1 if the
	first value is less than the second.
\$eq	Returns true if the values are equivalent.
\$gt	Returns true if the first value is greater than the second.
\$gte	Returns true if the first value is greater than or equal to the second.
\$lt	Returns true if the first value is less than the second.
\$lte	Returns true if the first value is less than or equal to the second.
\$ne	Returns true if the values are <i>not</i> equivalent.

Arithmetic Expressions Arithmetic expressions perform mathematic operations on numbers. Some arithmetic expressions can also support date arithmetic.

Name	Description
\$add	Adds numbers to return the sum, or adds numbers and a date to return a new date. If adding numbers
	and a date, treats the numbers as milliseconds. Accepts any number of argument expressions, but at
	most, one expression can resolve to a date.
\$subtracketurns the result of subtracting the second value from the first. If the two values are numbers, return	
	the difference. If the two values are dates, return the difference in milliseconds. If the two values are a
	date and a number in milliseconds, return the resulting date. Accepts two argument expressions. If the
	two values are a date and a number, specify the date argument first as it is not meaningful to subtract a
	date from a number.
\$multip	Multiplies numbers to return the product. Accepts any number of argument expressions.
\$divide	Returns the result of dividing the first number by the second. Accepts two argument expressions.
\$mod	Returns the remainder of the first number divided by the second. Accepts two argument expressions.

String Expressions String expressions, with the exception of \$concat, only have a well-defined behavior for strings of ASCII characters.

\$concat behavior is well-defined regardless of the characters used.

 $^{^{20}} http://en.wikipedia.org/wiki/Complement_(set_theory)$

²¹http://en.wikipedia.org/wiki/Subset