Table 20.4.3: MATLAB relational and logical functions.

|  |  |
| --- | --- |
| **Function** | **Description** |
| [**any(x)**](http://www.mathworks.com/help/matlab/ref/any.html) | Returns true if x is nonzero; otherwise, returns false. |
| [**isnan(x)**](http://www.mathworks.com/help/matlab/ref/isnan.html) | Returns true if x is NaN (Not-a-Number); otherwise, returns false. |
| [**isfinite(x)**](http://www.mathworks.com/help/matlab/ref/isfinite.html) | Returns true if x is finite; otherwise, returns false.  For example, isfinite(Inf) is false, and isfinite(10) is true. |
| [**isinf(x)**](http://www.mathworks.com/help/matlab/ref/isinf.html) | Returns true if x is +Inf or -Inf; otherwise, returns false. |