<!DOCTYPE html>

<html>

    <head>

        <tittle style="color:darkkhaki"><strong>JS MATH FUNCTION OBECT: </strong></tittle>

        <style>

            body {

                background-color:cornsilk;

                color:cornflowerblue;

            }

        </style>

    </head>

    <body>

        <p style="color:darkgreen; font-size: larger; font-weight: bolder;"> NUMBER FUNCTION OBJECT </p>

        <p style="color:chocolate"><strong> 1. Javascript Number.EPSILON </strong></p>

        <p> The difference between 1 and the smallest floating point number greater than 1, in Javascript is: </p>

        <p id="demo 1"></p>

        <script>

            let x = Number.EPSILON;

            document.getElementById("demo 1").innerHTML = x;

            document.write("<hr>");

        </script>

        <p style="color:chocolate"><strong> 2. Javascript Number.MAX\_VALUE </strong></p>

        <p> Largest possible number in Javascript is: </p>

        <p id="demo 2"></p>

        <script>

            let a = Number.MAX\_VALUE;

            document.getElementById("demo 2").innerHTML = a;

        </script>

        <!-- NUMBER PROPERTIES -->

        <p>Using a number property on a variable, or value, will return undefined:  </p>

        <p id="demo 3"></p>

        <script>

        let b = 6;

            document.getElementById("demo 3").innerHTML = b.MAX\_VALUE;

            document.write("<hr>");

        </script>

        <p style="color:chocolate"><strong> 4. Javascript Number.MIN\_VALUE </strong></p>

        <p> The smallest number possible in Javascript is: </p>

        <p id="demo 4"></p>

        <script>

        let c = Number.MIN\_VALUE;

            document.getElementById("demo 4").innerHTML = c;

            document.write("<hr>");

        </script>

        <p style="color:chocolate"><strong> 4. Javascript Number.MAX\_SAFE\_INTEGER </strong></p>

        <P>The maximum safe integer in Javascript is: </P>

        <p id="demo 5"></p>

        <script>

            let d = Number.MAX\_SAFE\_INTEGER;

            document.getElementById("demo 5").innerHTML = d;

            document.write("<hr>");

        </script>

        <p style="color:chocolate"><strong> 6. Javascript Number.MIN\_SAFE\_INTEGER </strong></p>

        <p> The minimum safe integer in Javascript is: </p>

        <p id="demo 6"></p>

        <script>

            let e = Number.MIN\_SAFE\_INTEGER;

            document.getElementById("demo 6").innerHTML = e;

            document.write("<hr>");

        </script>

        <p style="color:chocolate"><strong> 7. Javascript Number.NEGATIVE\_INFINITY </strong></p>

        <p> The negative infinity in Javascript is: </p>

        <p id="demo 7"></p>

        <script>

        let f = Number.NEGATIVE\_INFINITY;

            document.getElementById("demo 7").innerHTML = f;

            document.write("<hr>");

        </script>

        <p style="color:chocolate"><strong> 8. Javascript Number.POSITIVE\_INFINITY </strong></p>

        <p> The positive infinity in Javascript is: </p>

        <p id="demo 8"></p>

        <script>

            let g = Number.POSITIVE\_INFINITY;

            document.getElementById("demo 8").innerHTML = g;

        </script>

        <p> The positive infinity is returned on overflow in Javascript is: </p>

        <p id="demo 9"></p>

        <script>

        let h = -1 / 0 ;

            document.getElementById("demo 9").innerHTML = h;

            document.write("<hr>");

        </script>

        <p style="color:chocolate"><strong> 9. Javascript Number.NOT-A-NUMBER (NaN) </strong></p>

        <p> The Not a number in Javascript property is: </p>

        <p id="demo 10"></p>

        <script>

            document.getElementById("demo 10").innerHTML = Number.NaN;

        </script>

        <p> A number divided by a non-numeric string becomes NaN (Not a Number):  in Javascript is: </p>

        <p id="demo 11"></p>

        <script>

            document.getElementById("demo 11").innerHTML = 100 / "Apple";

            document.write("<hr>");

        </script>

    </body>

</html>

**OUTPUT:**



