Math class methods

1.a) **exp()** - Returns Euler's number *e* raised to the power of a double value. An example being: public static double **exp**(double a) In a program you may need to square a number for a calculation.

1.b) **sin()** - Returns the trigonometric sine of an angle. An example would be: public static double **sin**(double a) In a program you may need angle formulas when dealing with triangles.

1.c) **round()** - Returns the closest long to the argument. The result is rounded to an integer by adding 1/2, taking the floor of the result, and casting the result to type long. An example being: public static long **round**(double a) Rounding may be necessary if you do not need a decimal number.

1.d) **max()** - Returns the greater of two double values. An example being: public static double **max**(double a, double b) For example a program might need high scores so the max function works well to find that.

<http://docs.oracle.com/javase/1.5.0/docs/api/> Java API - Feb. 3rd 2016