

Math Class

Method	Description
<code>static int abs(int x)</code>	Returns the absolute value of an integer x
<code>static double abs(double x)</code>	Returns the absolute value of a double x
<code>static double pow(double base, double exponent)</code>	Returns the base raised to the exponent
<code>static double sqrt(double x)</code>	Returns the square root of x
<code>static double ceil(double x)</code>	Returns next highest whole number from x
<code>static double floor(double x)</code>	Returns next lowest whole number from x
<code>static double min(double a, double b)</code>	Returns the smaller of a and b
<code>static double max(double a, double b)</code>	Returns the larger of a and b
<code>static int min(int a, int b)</code>	Returns the smaller of a and b
<code>static int max(int a, int b)</code>	Returns the larger of a and b
<code>static double random()</code>	Returns a random double (range $0 \leq r < 1$)
<code>static long round(double x)</code>	Returns x rounded to nearest whole number
<code>double PI</code>	Returns 3.14159625...

Advanced Math methods:

Method	Description
<code>static double log(double x)</code>	Returns log base e of x
<code>static double sin(double a)</code>	Returns the sine of angle a ... a is in radians
<code>static double cos(double a)</code>	Returns the cosine of angle a ... a is in radians
<code>static double tan(double a)</code>	Returns the tangent of angle a ... a is in radians
<code>static double toDegrees(double aRad)</code>	Converts radians into degrees
<code>static double toRadians(double aDeg)</code>	converts degrees into radians