# java.lang.Math

Here's the output from the math library example

i is 7  
j is -9  
x is 72.3  
y is 0.34  
|7| is 7  
|-9| is 9  
|72.3| is 72.3  
|0.34| is 0.34  
72.3 is approximately 72  
0.34 is approximately 0  
The ceiling of 7 is 7  
The ceiling of -9 is -9  
The ceiling of 72.3 is 73  
The ceiling of 0.34 is 1  
The floor of 7 is 7  
The floor of -9 is -9  
The floor of 72.3 is 72  
The floor of 0.34 is 0  
min(7,-9) is -9  
min(72.3,0.34) is 0.34  
min(7,72.3) is 7  
min(0.34,-9) is -9  
max(7,-9) is 7  
max(72.3,0.34) is 72.3  
max(7,72.3) is 72.3  
max(0.34,-9) is 0.34  
Pi is 3.14159  
e is 2.71828  
cos(0.785398) is 0.707107  
sin(0.785398) is 0.707107  
acos(0.707) is 0.785549  
asin(0.707) is 0.785247  
atan(0.707) is 0.615409  
exp(1.0) is 2.71828  
exp(10.0) is 22026.5  
exp(0.0) is 1  
log(1.0) is 0  
log(10.0) is 2.30259  
log(Math.E) is 1  
pow(2.0, 2.0) is 4  
pow(10.0, 3.5) is 3162.28  
pow(8, -1) is 0.125  
The square root of 0 is 0  
The square root of 1 is 1  
The square root of 2 is 1.41421  
The square root of 3 is 1.73205  
The square root of 4 is 2  
The square root of 5 is 2.23607  
The square root of 6 is 2.44949  
The square root of 7 is 2.64575  
The square root of 8 is 2.82843  
The square root of 9 is 3  
Here's one random number: 0.820582  
Here's another random number: 0.866157

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