

### Math Module Enrichment Program

Write a Python program which uses the math module to display the following:

1. The square root of 7.5
2. The value of 7!
3. The greatest common divisor of 2028 and 6591
4. The circumference of a circle having radius 11.
5. The area of a circle having radius 11. (Note: the formula for the area of a circle is  $\pi r^2$ )
6. The radius of a circle having circumference 38.
7. The length of the hypotenuse of a right triangle having two other sides of lengths 45 and 62.
8. The length of side  $a$  of a right triangle having side  $b = 12$  and hypotenuse = 19.
9. The radian measurement of 75 degree angle.
10. The sine of a 75 degree angle.

Remember to put the required comments at the beginning of your source code.