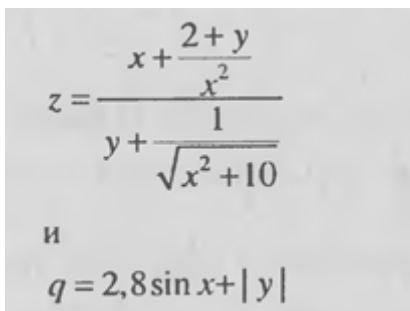


Practice1 Tasks

1. One side of the square is given . Find its perimeter
2. The radius of the circumference is given, find the area and diameter of the circle
3. Create a program
 - a) Calculate the function values of $z = x^3 - 2.5xy + 1.78x^2 - 2.5y + 1$ for given values of x and y
 - b) $X = 3.56(a + b)^3 - 5.8b^2 + 3.8a - 1.5$ for given values of a and b
4. Write a program to assign the following expressions to a variable A and then to print out the value of A.
 - a) $\frac{3+4}{5+6}$
 - b) $2\pi^2$
 - c) $\sqrt{2}$
5. Given two integers find
 - a) Their average arithmetical mean
 - b) Their geometric mean
6. Given two sides of a right triangle, find its hypotenuse.
7. Create a program

To Calculate the values of the following functions


$$z = \frac{x + \frac{2+y}{x^2}}{y + \frac{1}{\sqrt{x^2 + 10}}}$$

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$$q = 2,8 \sin x + |y|$$

With given values of x and y