

Algorithm to Calculate Area and Circumference of a Circle

Step 1: Start

Step 2: Declare variables

float pi = 3.14

int r

Step 3: Input the value of r

Input r

Step 4: Calculate the Area and Circumference

$C = 2 * \pi * r$ // Circumference formula

$A = \pi * r^2$ // Area formula

Step 5: Display the results

Output C // Display Circumference

Output A // Display Area

Step 6: End