**Algorithm Workbench**

**3.24 Little Italy Pizza charges $12.00 for a 12-inch diameter sausage pizza and $14.00  
for a 14-inch diameter sausage pizza. Write the pseudocode algorithm that calculates and displays how much each of these earns the establishment per square inch  
of pizza sold. (Hint: you will need to first calculate how many square inches there  
are in each pizza.)**

set the value of PI to 3.14159

set the value of area12 to (pow((12.0/2.0), 2.0) \* PI)

set the value of earning12 to (12.0 / area12)

set the value of area14 to (pow((14.0/2.0),2.0) \* PI)

set the value of earning14 to (14.0 / area14)

print “the amount 12-inch pizza earns per square inch is earning12”

print “the amount of 14-inch pizza earns per square inch is earning14 “