

Start

var length
var width
var height
var hypotenuse
var surfaceArea
var index
var numInput
var widthSquared
var heightSquared
var sideArray

set variables
index = 0
numInput = false

Do while
numInput is
false

False

Convert length to a number
Set numInput to true

True

Please enter
the length

Output the
numInput

Is Not a
Number?

False

Set numInput to false
Increment the array index

True

Do while
numInput is
false

False

Convert width to a number
Set numInput to true

True

Please enter
the width

Output the
numInput

Is Not a
Number?

True

Set numInput to false
Increment the array index

False

P2

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Expressions Assignment Flowchart
The flowchart used for calculating the surface
area of a right triangular prism.

