1. Using pseudocode, write an algorithm for a class that calculates the area of a triangle.

What outputs are requested? Area of Triangle  
What inputs are available? Height an base

What processes is required? Multiplication

Varibles:

base

height

area

// Program name: Area of a triangle

// Purpose: Calculate area of a triangle

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Start

//Declare variables

Declare Numeric base

Declare Numeric height

Declare Numeric area

// Get inputs from users

Display “Enter base of triangle”

Input base

Display “Enter height of triangle”

Input height

// Calculating area

area = 0.5 \* base \* height

// Display area to user

Display “The area of the triangle is: ” + area

Stop

1. Use the pseudocode from question one to write the JavaScript program. Include a constructor method.