**Develop a program to calculate the area of a triangle**

A drawing of a triangle

Description automatically generated

area = ( base x height ) ÷ 2

Example:

area = ( 3cm x 5cm ) ÷ 2

= 15cm ÷ 2

= 7.5cm

Hints

1. Declare variables: area, base, and height
2. **Input**: base and height
3. **Process**: calculate the area using the formula above and assign the value to area variable
4. **Output**: Print out the area with a proper statement

Sample

**# 1. Declare variables**

**area = 0**

**base = 0**

**# 2. Input: get the base using input function**

**# print title for user to understand the purpose of this program**

**print("Calculate Triangle Area")**

**base = float(input("What is the side value in cm: "))**

**# 3. Process: calculate the area**

**area = base \* side**

**# 4. Output: print the area**

**print("The area is the square is", area)**

**Blue is functions, Plum is variables, Red is math operator**