**Pseudo code and flowchart for calculating the area and perimeter**

1. **Triangle**
   1. **Pseudo code**

1. Start

2. Input the base of the triangle

3. Input the height of the triangle

4. Compute the area of the triangle using this formula:

1/2(Base\*Height)

5. Display the calculated area

6. End

* 1. **Flowchart**

Input the base of triangle

Input the height of triangle

1/2(Base\*Height)

Display the area of the triangle

1. **Square**
   1. **Pseudo code**

1. Start

2. Input the length of one side of the square

3. Calculate the area of the square:

area = side \* side

4. Display the area of the square

5. End

* 1. **Flowchart**

Input the length of one side of the square

side \* side

Display the area of the square

1. Rectangle
   1. Pseudo code

1. Start

2. Input the length of the rectangle

3. Input the width of the rectangle

4. Calculate the area:

area = length \* width

5. Display the area of the rectangle

6. End

* 1. **Flowchart**

Input the length of rectangle

Input the width of rectangle

length \* width

Display the area of the rectangle

1. **Circle**
   1. **Pseudo code**

1. Start

2. Input the circle radius as 'r'

3. Calculate the area using the formula:

area = π \* r2

4. Display the area of the circle

5. End

* 1. **flowchart**

Input the circle radius

π \* r2

Display the area of the circle