Given two points:

**A**

P1(x1, y1)

P1(x1, y1)

P2(x2, y2)

**Ax**

**Ay**

**A**

P2(x2, y2)

The Area is:

**Algorithm**

**1 Read x1, y1, x2, y2, metric unit**

**2.** C**alculate: Ax and Ay**

**3. Calculate: Area**

**4. show área**

**Caculate\_sides (x1, y1, x2, y2); Ax, Ay**

**Calculate\_area (Ax,Ay); Area**

**Show\_area (Area)**

Print (Area + metric unit+”^2”)