1. Os seguintes pontos abaixo formam uma casa simples em duas dimensões:

**Estrutura da casa:**

P1 (-1, -1)

1. X = 10, Y = 3
2. X = 4, Y = -1

P2 (-1, 1)

1. X = 10, Y = 9
2. X = 4, Y = 5

P3 (0, 2)

1. X = 12, Y = 12
2. X = 6, Y = 8

P4 (1, 1)

1. X = 14, Y = 9
2. X = 8, Y = 5

P5 (1, -1)

1. X = 14, Y = 3
2. X = 8, Y = -1

**Janela 1:**

P6 (-0.75, 0.25)

1. X = 4.5 , Y = 2.75
2. X = 8, Y = -1

P7 (-0.75, 0.75)

1. X = 10.50 , Y = 8.25
2. X = 4.5, Y = 4.25

P8 (-0.25, 0.75)

1. X = 11.50 , Y = 8.25
2. X = 5.5, Y = 4.25

P9 (-0.25, 0.25)

1. X = 11.50, Y = 6.75
2. X = 5.50, Y = 2.75

**Janela 2:**

P10 (0.25, 0.25)

1. X = 12.50, Y = 6.75
2. X = 6.5 , Y = 2.75

P11 (0.25, 0.75)

1. X = 12.50, Y = 8.25
2. X = 6.5 , Y = 4.25

P12 (0.75, 0.75)

1. X = 13.50, Y = 8.25
2. X = 7.5 , Y = 4.25

P13 (0.75, 0.25)

1. X = 13.50, Y = 6.75
2. X = 7.5 , Y = 2.75

**Porta:**

P14 (-0.75, -1)

1. X = 10.50, Y = 3
2. X = 4.5 , Y = -1

P15 (-0.75, 0)

1. X = 13.50, Y = 6
2. X = 4.5 , Y = 2.0

P16 (-0.25, 0)

1. X = 11.50, Y = 6
2. X = 5.5 , Y = 2

P17 (-0.25, -1)

1. X = 11.50, Y = 3
2. X = 5.5 , Y = -1