

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

Estrutura da casa:

P1 (-1, -1)

A) $X = 10, Y = 3$

B) $X = 4, Y = -1$

P2 (-1, 1)

A) $X = 10, Y = 9$

B) $X = 4, Y = 5$

P3 (0, 2)

A) $X = 12, Y = 12$

B) $X = 6, Y = 8$

P4 (1, 1)

A) $X = 14, Y = 9$

B) $X = 8, Y = 5$

P5 (1, -1)

A) $X = 14, Y = 3$

B) $X = 8, Y = -1$

Janela 1:

P6 (-0.75, 0.25)

A) $X = 4.5, Y = 2.75$

B) $X = 8, Y = -1$

P7 (-0.75, 0.75)

A) $X = 10.50, Y = 8.25$

B) $X = 4.5, Y = 4.25$

P8 (-0.25, 0.75)

A) $X = 11.50, Y = 8.25$

B) $X = 5.5, Y = 4.25$

P9 (-0.25, 0.25)

A) $X = 11.50, Y = 6.75$

B) $X = 5.50, Y = 2.75$

Janela 2:

P10 (0.25, 0.25)

A) $X = 12.50, Y = 6.75$

B) $X = 6.5, Y = 2.75$

P11 (0.25, 0.75)

A) $X = 12.50, Y = 8.25$

B) $X = 6.5, Y = 4.25$

P12 (0.75, 0.75)

A) $X = 13.50, Y = 8.25$

B) $X = 7.5, Y = 4.25$

P13 (0.75, 0.25)

A) $X = 13.50, Y = 6.75$

B) $X = 7.5, Y = 2.75$

Porta:

P14 (-0.75, -1)

A) $X = 10.50, Y = 3$

B) $X = 4.5, Y = -1$

P15 (-0.75, 0)

A) $X = 13.50, Y = 6$

B) $X = 4.5, Y = 2.0$

P16 (-0.25, 0)

A) $X = 11.50$, $Y = 6$

B) $X = 5.5$, $Y = 2$

P17 (-0.25, -1)

A) $X = 11.50$, $Y = 3$

B) $X = 5.5$, $Y = -1$