

list of the diagram

rectangle base.

triangle roof.

Two small square windows.

rectangular door.

Base (Square): Centered at (0,0), 40x40 pixels.

Roof (Triangle): Vertex at the top center of the square, spanning 50 pixels at the base and 40 pixels high.

Windows: Small squares of 10x10 pixels each.

Door: A rectangle of 10x20 pixels.

```

      (-25,-20)      (25,-20)
      +-----+
      /         \
(-20,-20) /         \ (20,-20)
+-----+-----+
|      |           |      (5,-15)
|      | (-15,-15) (5,-15)| +-----+
| +---+---+      +---+ |      | | | |
| |      |      |      |      |
| | +---+      +---+ |      |
| |           (0,0)
| |      (10,10) (-5,0)
| |-----+      |
|      (20,20)      |
+-----+
(-20,20)      (20,20)
'''
```

Square base:

Top-left corner: (x-19, y-19)

Width: 40 pixels

Height: 40 pixels

Triangle roof:

Left corner: (x-24, y-19)

Right corner: (x+24, y-19)

Top vertex: (x, y-58)

Windows:

First window top-left corner: (x-14 y-14)

Second window top-left corner: (x+4, y-14)

Each window size: 10x10 pixels

Door:

Top-left corner: (x-4, y+0)

Width: 10 pixels

Height: 20 pixels

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