

Module 1 - Drawing Basic Shapes and Lines

CorelDRAW is a vector graphic design software that allows you to create simple to advanced drawings. In this module, we focus on **drawing basic shapes and lines**, which are the building blocks for all types of designs.

Drawing Basic Shapes

1. Accessing Shape Tools

To draw shapes, use the **toolbox** on the left side of the screen.

1. **Rectangle Tool (F6)** - For drawing squares and rectangles.
2. **Ellipse Tool (F7)** - For drawing circles and ovals.
3. **Polygon Tool** - For drawing polygons (shapes with 3 or more sides). Each tool is represented by an icon. Click and hold the shape icon to see more shape tools.

2. Drawing a Rectangle or Square

Steps:

1. Click the **Rectangle Tool**.
2. Move your mouse to the drawing page.
3. Click and drag to draw a rectangle.
4. Hold down **Ctrl** while dragging to draw a perfect square.
  - ◆ You can resize the shape by clicking and dragging the corner nodes.

3. Drawing a Circle or Ellipse

Steps:

1. Click the **Ellipse Tool**.
2. Click and drag to create an oval.
3. Hold **Ctrl** while dragging to make a perfect circle.
  - 💡 Tip: After drawing, use the **Property bar** to adjust the width, height, and position of your shape.

4. Drawing Polygons (Triangle, Pentagon, etc.)

Steps:

1. Select the **Polygon Tool** from the shape tools.
2. In the **Property bar**, set the number of sides (e.g., 3 for triangle, 5 for pentagon).
3. Click and drag on the page to draw. Hold **Ctrl** to draw symmetrical shapes.

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Drawing and Shaping Tools

Drawing Lines and Polylines

1. Drawing Straight Lines

Use the **Freehand Tool** to draw straight lines.

**Steps:**

1. Click the **Freehand Tool** (under the Pen icon).
2. Click where you want the line to start.
3. Move your mouse and click again to end the line.

🎯 Tip: Hold Ctrl to draw perfectly horizontal, vertical, or 45° angled lines.

2. Drawing Connected Lines (Polylines)

**Steps:**

1. Select the **Freehand Tool**.
2. Click once for the starting point.
3. Click multiple times to create connected straight lines.
4. Double-click to end the shape.

This is useful for drawing zigzag paths or outlines.

3. Resizing and Moving Lines

- Click on any line or shape to select it.
- Drag the edge to **resize**.
- Drag the center to **move** it to another position.

4. Adding Outline Color and Thickness

To change how your line looks:

- **Outline Thickness:** Use the Outline Tool (bottom-right) → select thickness (e.g., 1 pt, 2 pt).
- **Outline Color:** Right-click any color in the color palette.

Assignment

Steps to Draw a Simple House Using Basic Tools in CorelDRAW X7

1. Draw the Main Rectangle (House Body)

- Select the **Rectangle Tool** (F6) from the toolbox.
- Click and drag on the page to draw a tall rectangle.
- **Fill Color:** Light Yellow
- **Outline Thickness:** 2pt

2. Draw the Roof (Triangle)

- Select the **Polygon Tool**.
- In the property bar, set **Sides = 3** (for a triangle).



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Drawing and Shaping Tools

- Draw a triangle and place it above the rectangle.
  - Use the **Pick Tool** to resize and align.
  - **Fill Color:** Brown
  - **Outline Thickness:** 2pt
3. Draw a Door (Smaller Rectangle)
- Use the **Rectangle Tool** again.
  - Draw a small vertical rectangle at the bottom center of the house.
  - **Fill Color:** Dark Brown
  - **Outline Thickness:** 1pt
4. Draw Windows (Squares or Ellipses)
- Use the **Rectangle Tool** or **Ellipse Tool (F7)**.
  - Draw two small shapes (one on each side of the door).
  - **Fill Color:** Light Blue
  - **Outline Thickness:** 1pt
5. Add Chimney (Small Rectangle)
- Use the **Rectangle Tool** to draw a small vertical rectangle on the roof.
  - **Fill Color:** Gray
  - **Outline Thickness:** 1pt



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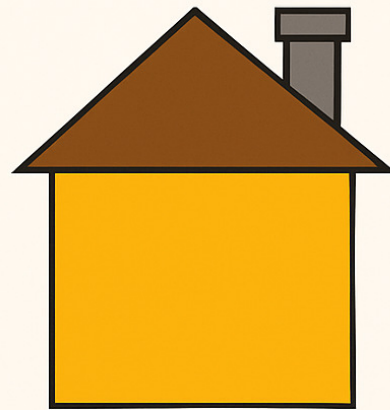
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## Drawing and Shaping Tools

# Steps to Draw a Simple House Using Basic Tools in CorelDRAW X7

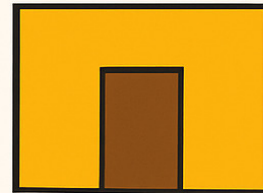
**Step 1**  
Draw the Main Rectangle (House Body)



**Step 2**  
Draw a square using the Rectangle



**Step 3**  
Draw a triangle using the Polygo Tool



**Step 4**  
Draw ilines using the Freehand Tool

