

Module 2 - Transforming Object Shapes and Orientation

 What Does "Transforming Objects" Mean?

In CorelDRAW, *transforming an object* means changing its **position, size, rotation, mirror direction, or skew**. These tools help you move and reshape drawings the way you want.

These tools are very useful in creating neat layouts, arranging artwork correctly, and experimenting with design shapes.

 Main Transformation Tools:

1. Move Tool

- You can drag any object using the **Pick Tool**.
- Use your mouse to click and drag the object to a new place.
- You can also move objects with arrow keys for fine adjustments.

 **Tip:** Hold Shift while dragging to move along straight lines.

2. Resize (Scale) Tool

- Click on an object.
- Small square **handles** will appear at the corners and sides.
- Drag these handles **inward or outward** to resize.
- Hold Shift while resizing to scale from the center.
- Hold Ctrl to keep the shape in proportion (important for circles/squares).

3. Rotate Tool

• Click on the object → Click again (don't double-click) → You will see **rotate arrows**.

- Drag any corner handle to rotate the object freely.
- You can also enter a specific rotation angle using the **Property Bar**.

✖ **Example:** Rotate a triangle 45° to use it as a pointer or design element.

4. Skew Tool

- After selecting an object, click again → **Skew handles** appear on the middle sides.
- Drag horizontally or vertically to **slant the object**.
- This adds a dynamic or 3D effect to otherwise flat shapes.

5. Mirror Tool (Flip)

- Mirror horizontally (left to right) or vertically (top to bottom).
- Use the **Property Bar icons** to flip quickly.
- Great for creating symmetrical designs, like butterflies or logos.

 **Shortcut Tip:**

- Ctrl + M to mirror.
- Or use the mirror icons in the toolbar.

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## Arranging and Transforming Objects

### ◆ Using the Transform Docker

1. Go to **Window** → **Dockers** → **Transformations**
2. You'll see tabs: **Position, Rotate, Scale and Mirror, Size, Skew**
3. Enter exact values to transform precisely.

### 💡 Why use the docker?

Because it gives **fine control**—you can rotate by  $33^\circ$ , scale by 120%, or skew at  $-10^\circ$ , etc.

### 🔧 Practical Use Cases

1. **Make multiple logo versions** by resizing and rotating copies.
2. **Align left and right shapes** by flipping one.
3. **Rotate text or banners** for creative headings.
4. **Skew shapes** for perspective in posters or brochures.

### Assignment

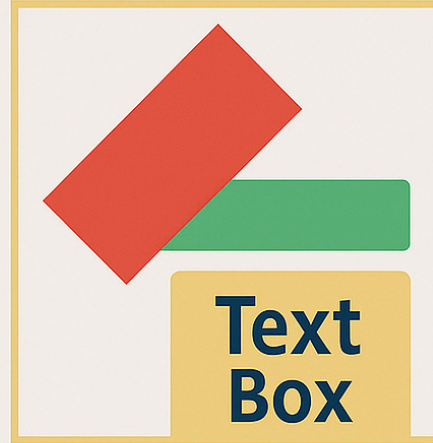
1. Draw a **star, rectangle, and text box**.
2. Rotate the star  $45^\circ$ .
3. Mirror the rectangle vertically.
4. Resize the text box to make it taller.
5. Skew the star to give it a slanted look.

💡 Use different colors and borders to make it visually interesting!

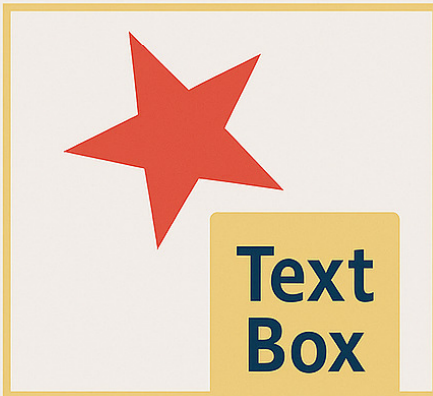
Arranging and Transforming Objects

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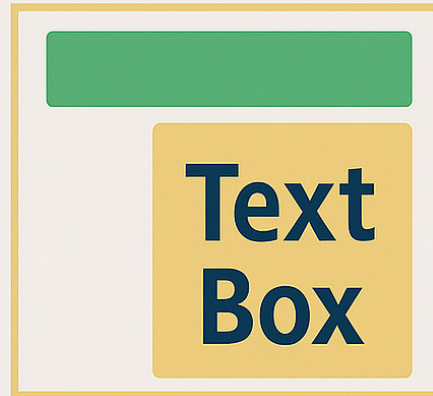
1 Draw a star, rectangle, and Text box



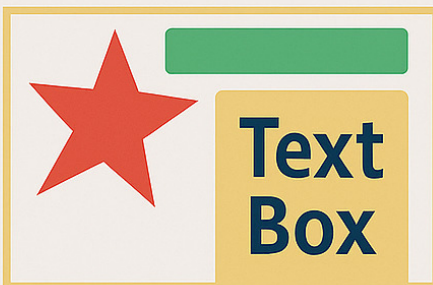
2 Rotate 45°




4 Resize the text box



5 Skewed to give it



 Use different colors and borders to make it visually interesting!