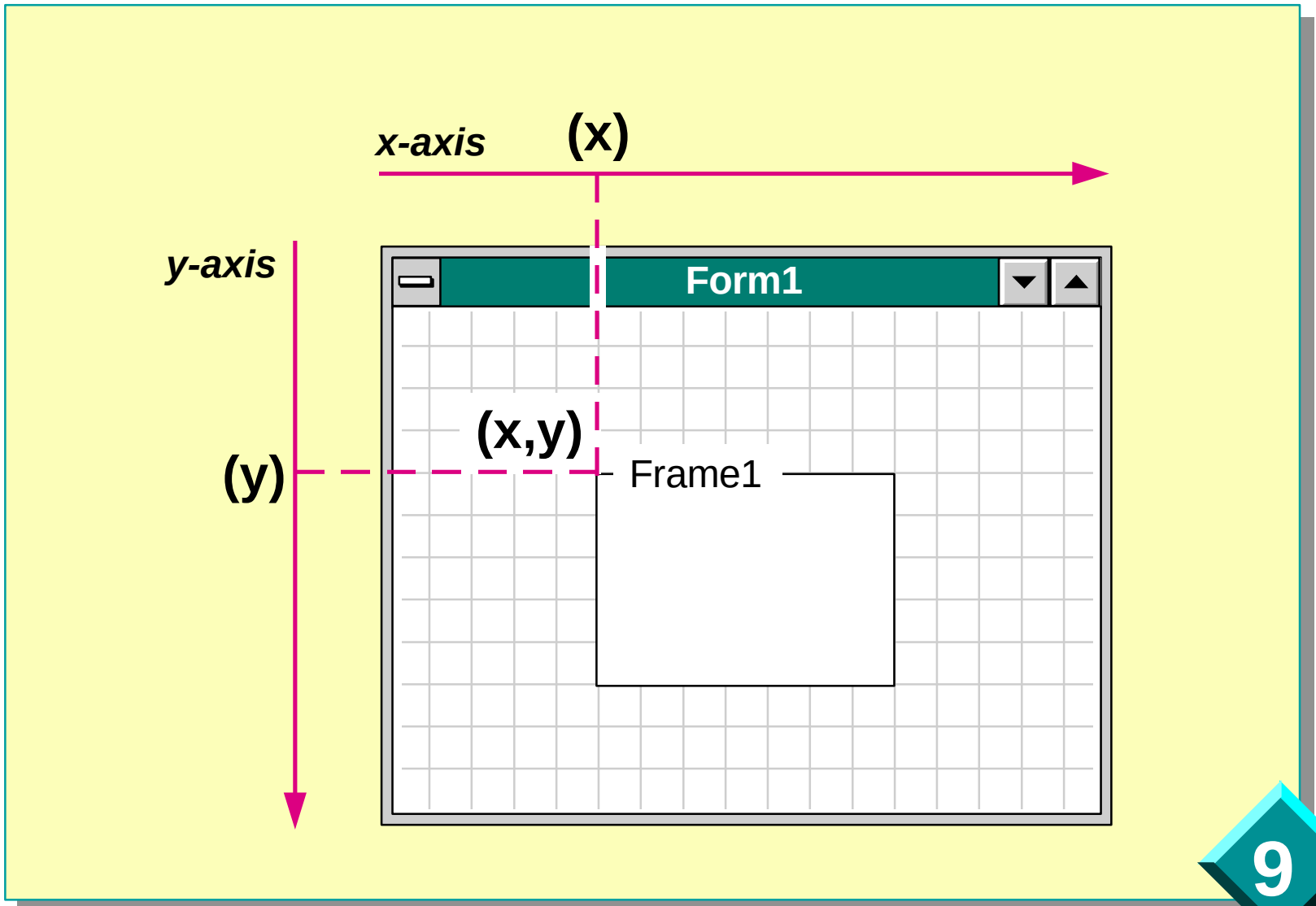
Creating Graphical Effects

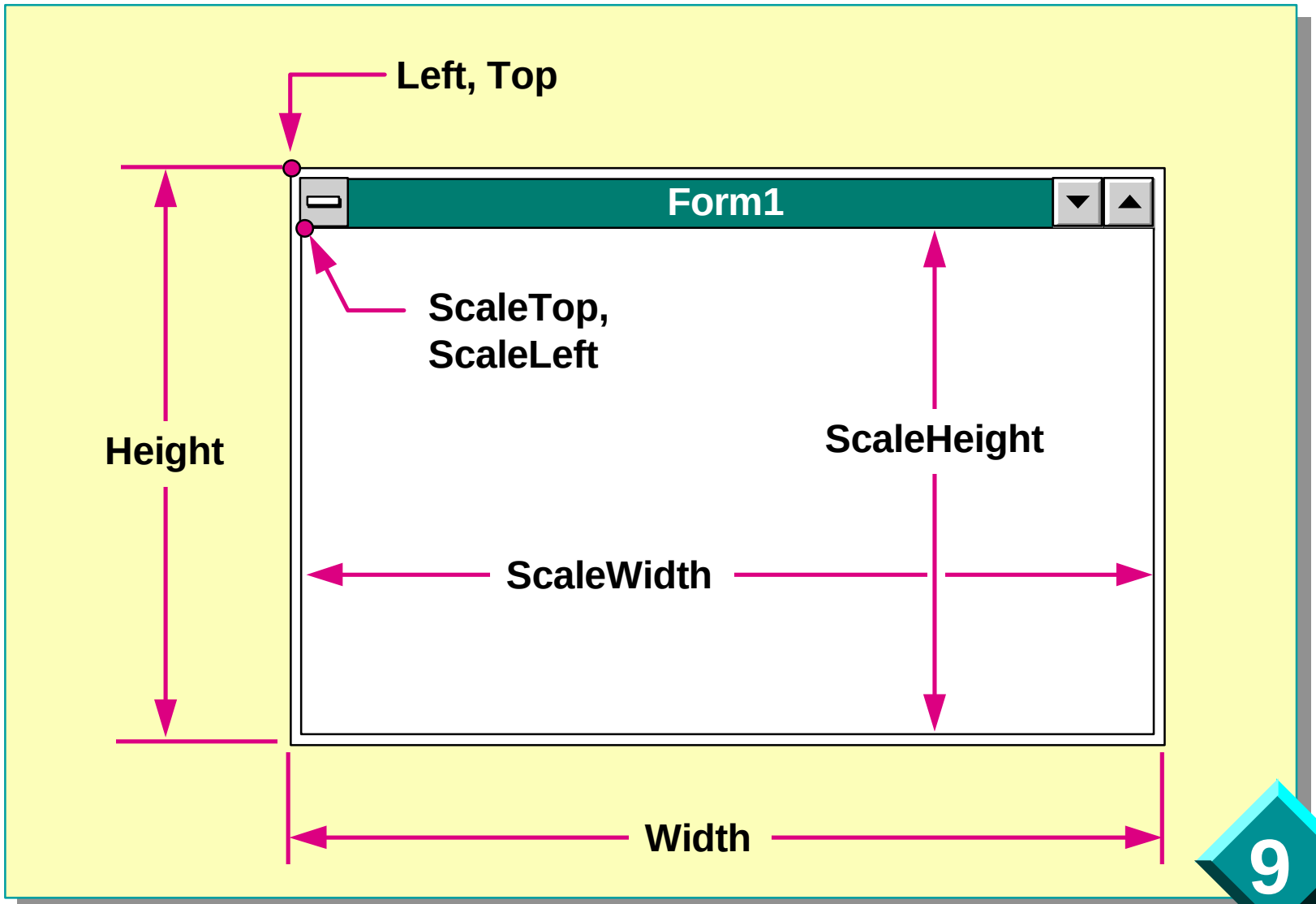
Overview

- Coordinate System
- Graphics Methods
- Graphical Controls
- Picture Boxes
- Using Colors
- Managing Redrawing Graphics
- Graph Control from the Visual Basic Professional Edition

Placing a Graphic or Control



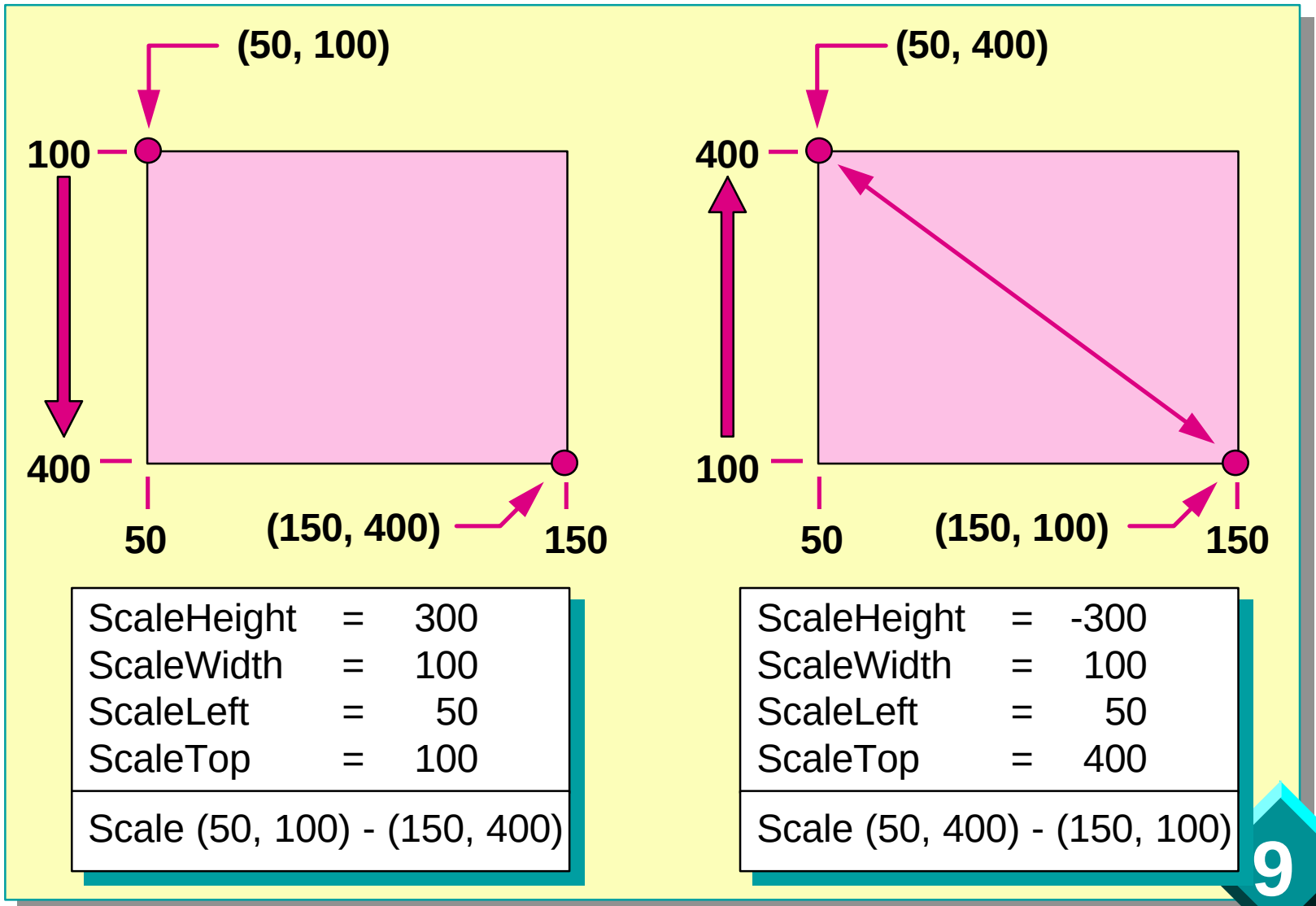
Changing the Coordinate System Units



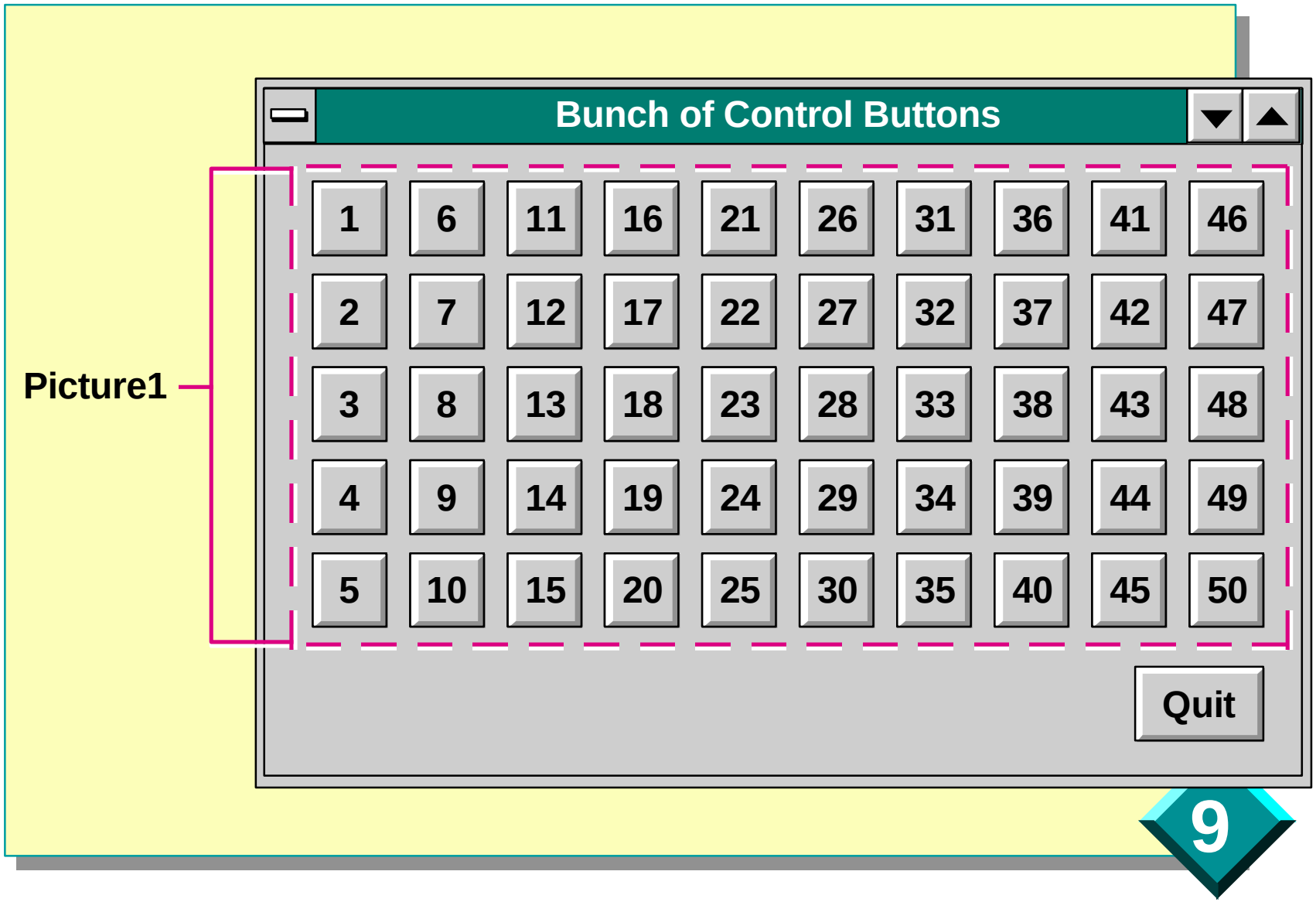
Changing Coordinate System Units: Standard Scales

- User-Defined
- Twips (Default)
- Points
- Pixels
- Characters
- Inches
- Millimeters
- Centimeters

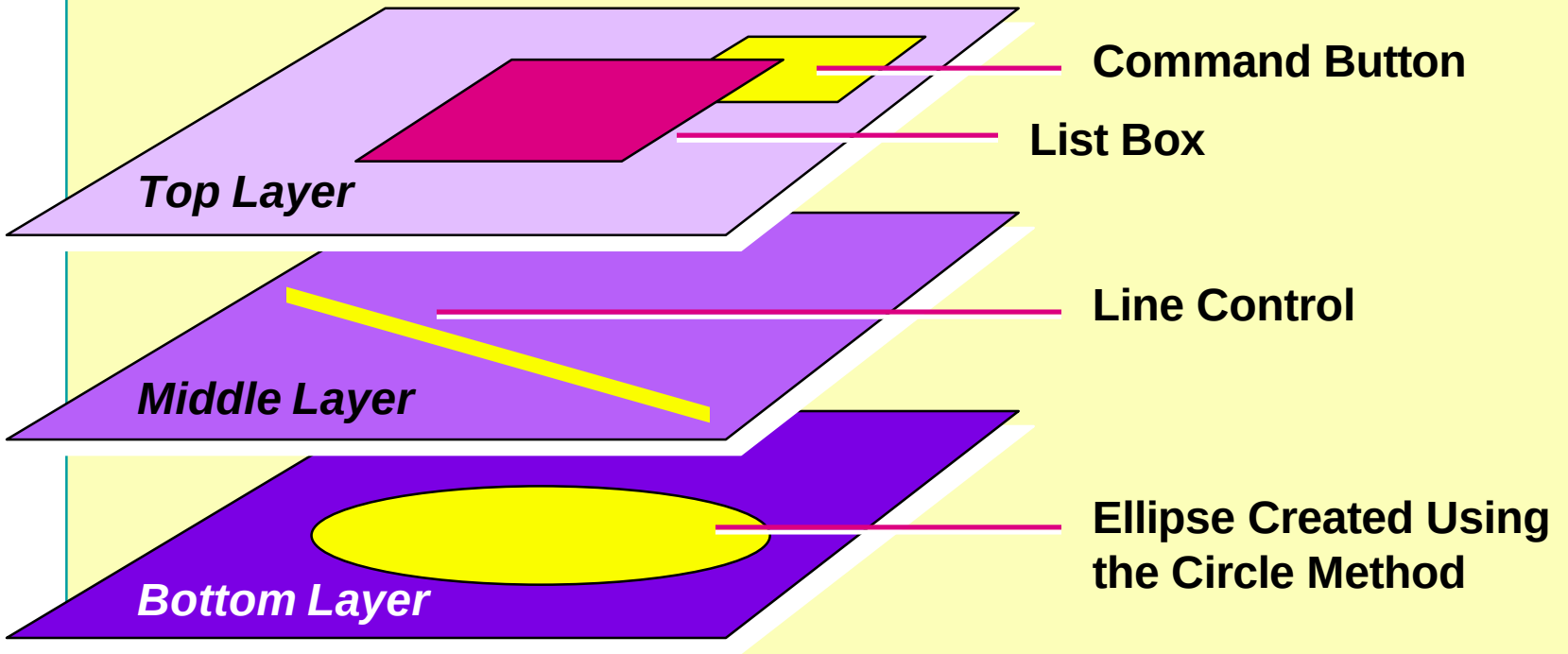
Changing Coordinate System Units: User-Defined Scale - The Scale Method



Using a Picture to Display a Complicated Control



Graphic Layers



- Rearrange Within Layer - ZOrder Method

Using Graphics Methods and Functions

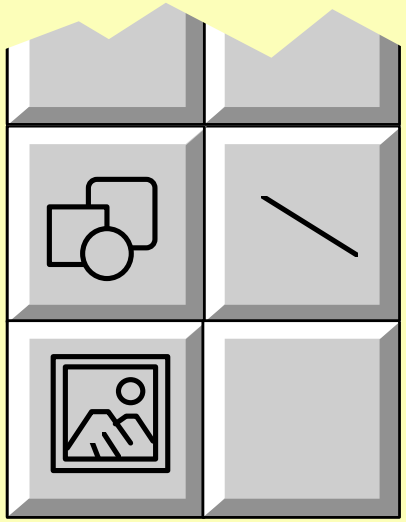
Statement	Purpose
Pset	Method - Draws single point
Line	Method - Draws line, rectangle, filled-in box
Circle	Method - Draws a circle, ellipse, or arc
Cls	Method - Clears the graphics
Print	Method - Prints text to form, picture box
TextWidth	Function - Returns width of text
TextHeight	Function - Returns height of text
DrawWidth	Property - Sets the width of a line

Using Graphical Controls

Shape Control

Line Control

Image Control



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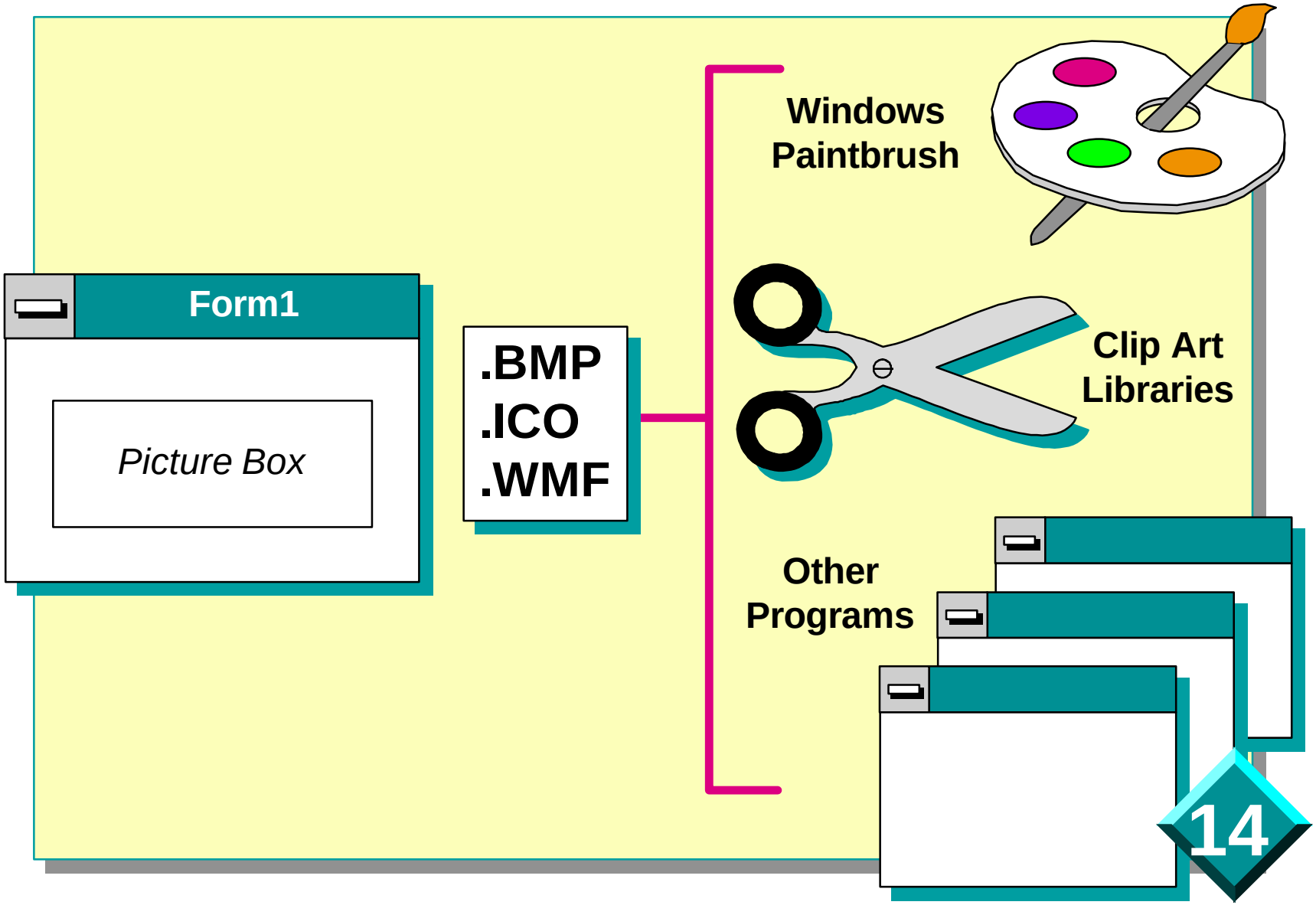
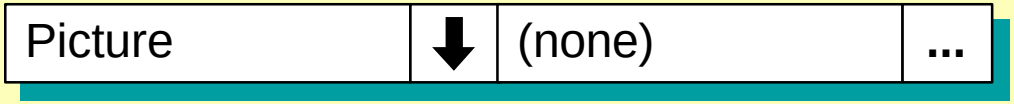
Using Picture Boxes

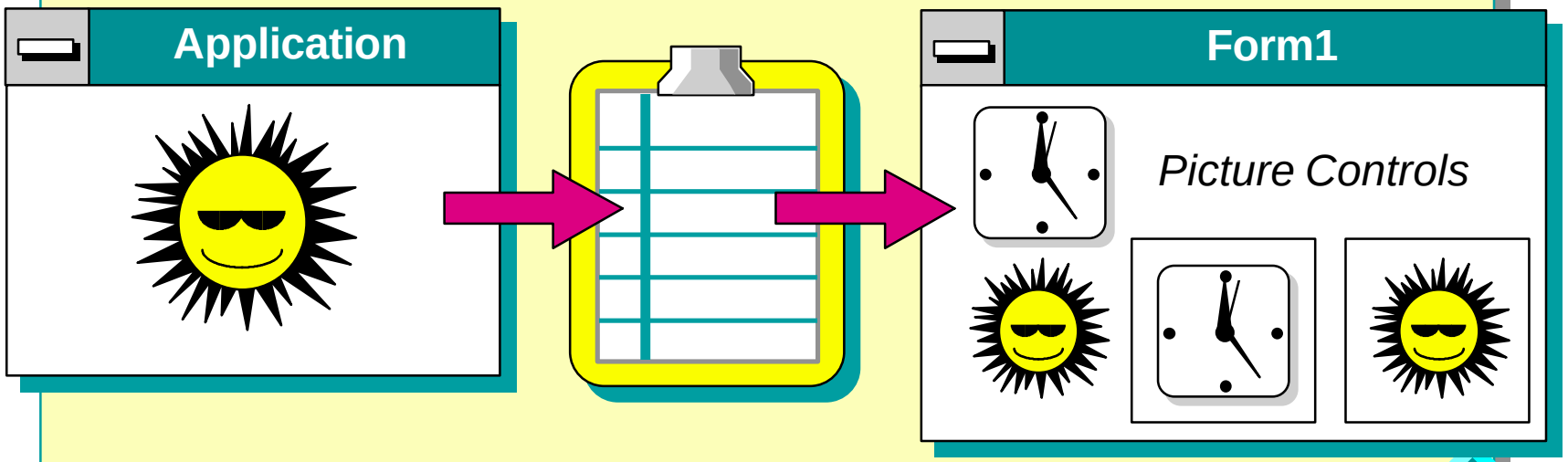


Adding a Picture During Design Time

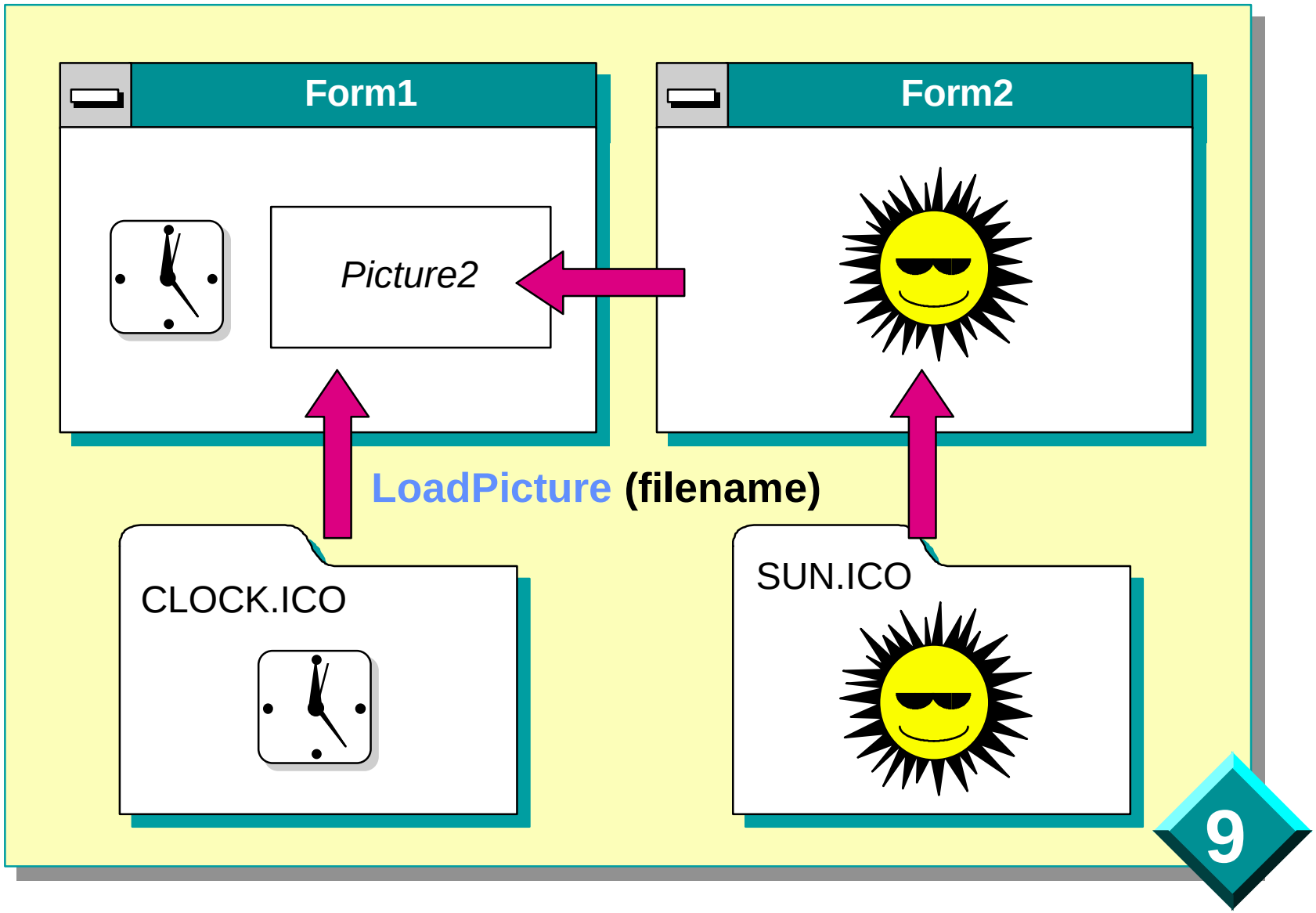
- **Load a Picture from a Picture File**



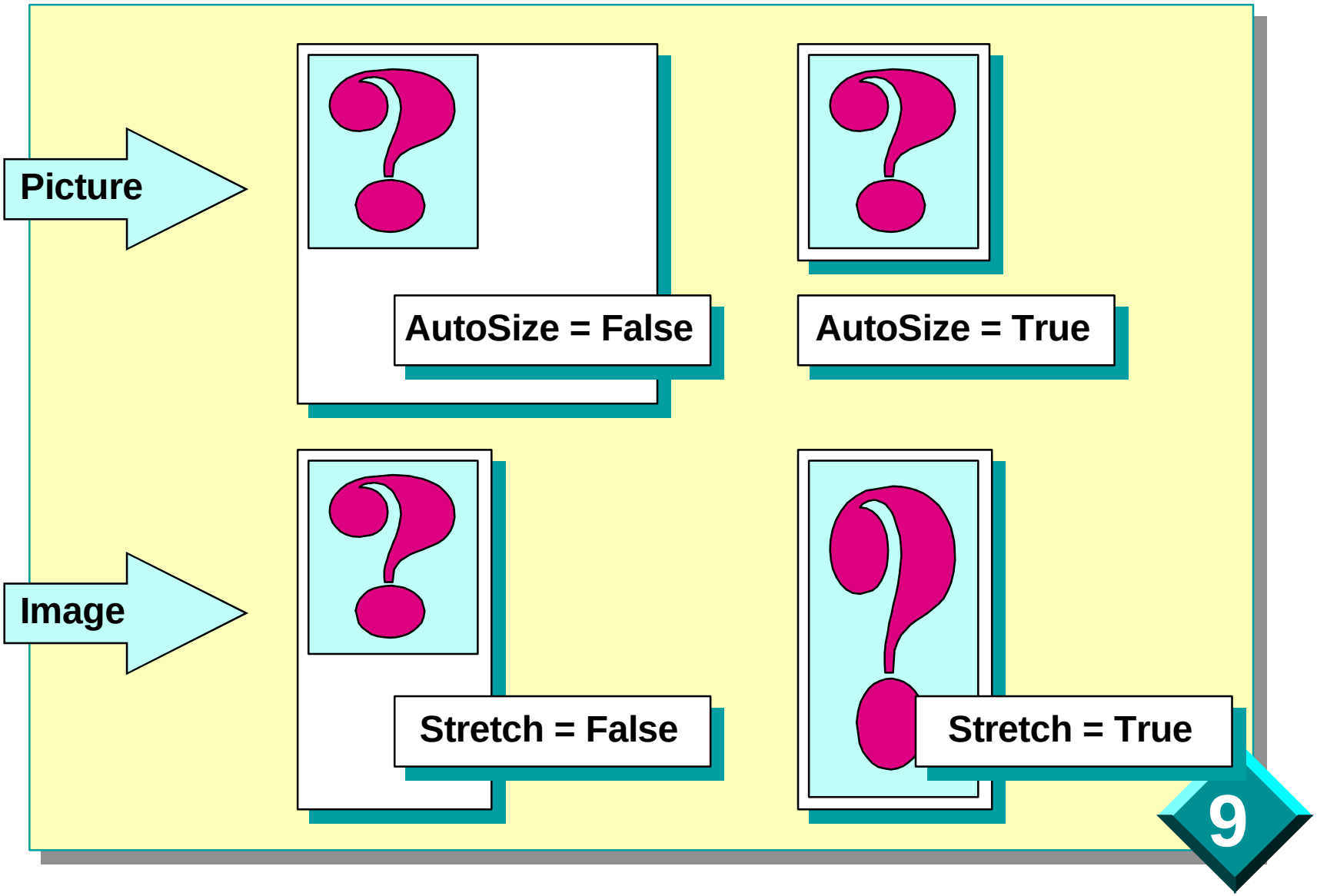
- **Paste a Picture from Another Application**



Adding a Picture During Run Time



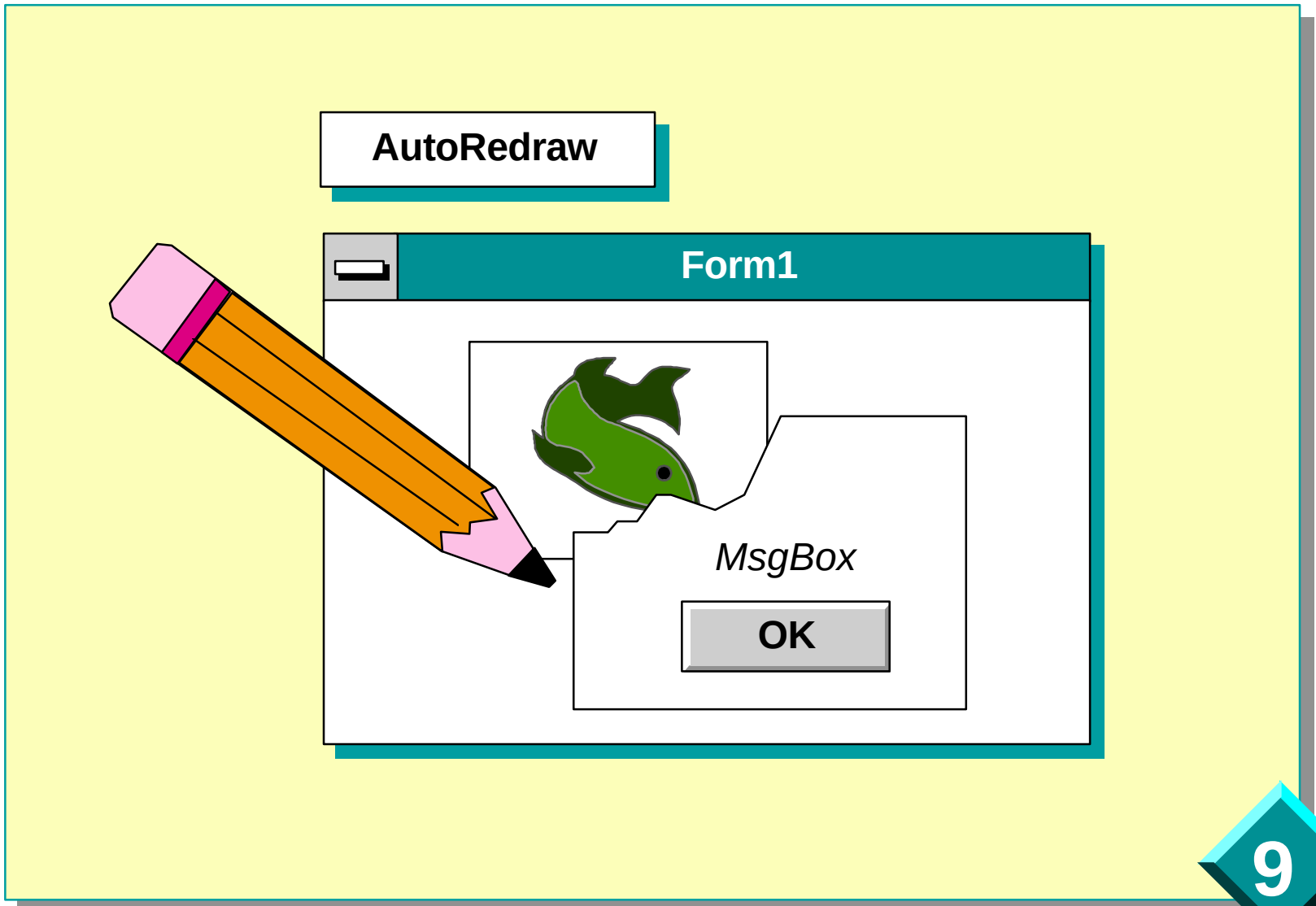
Sizing a Picture vs. Sizing an Image



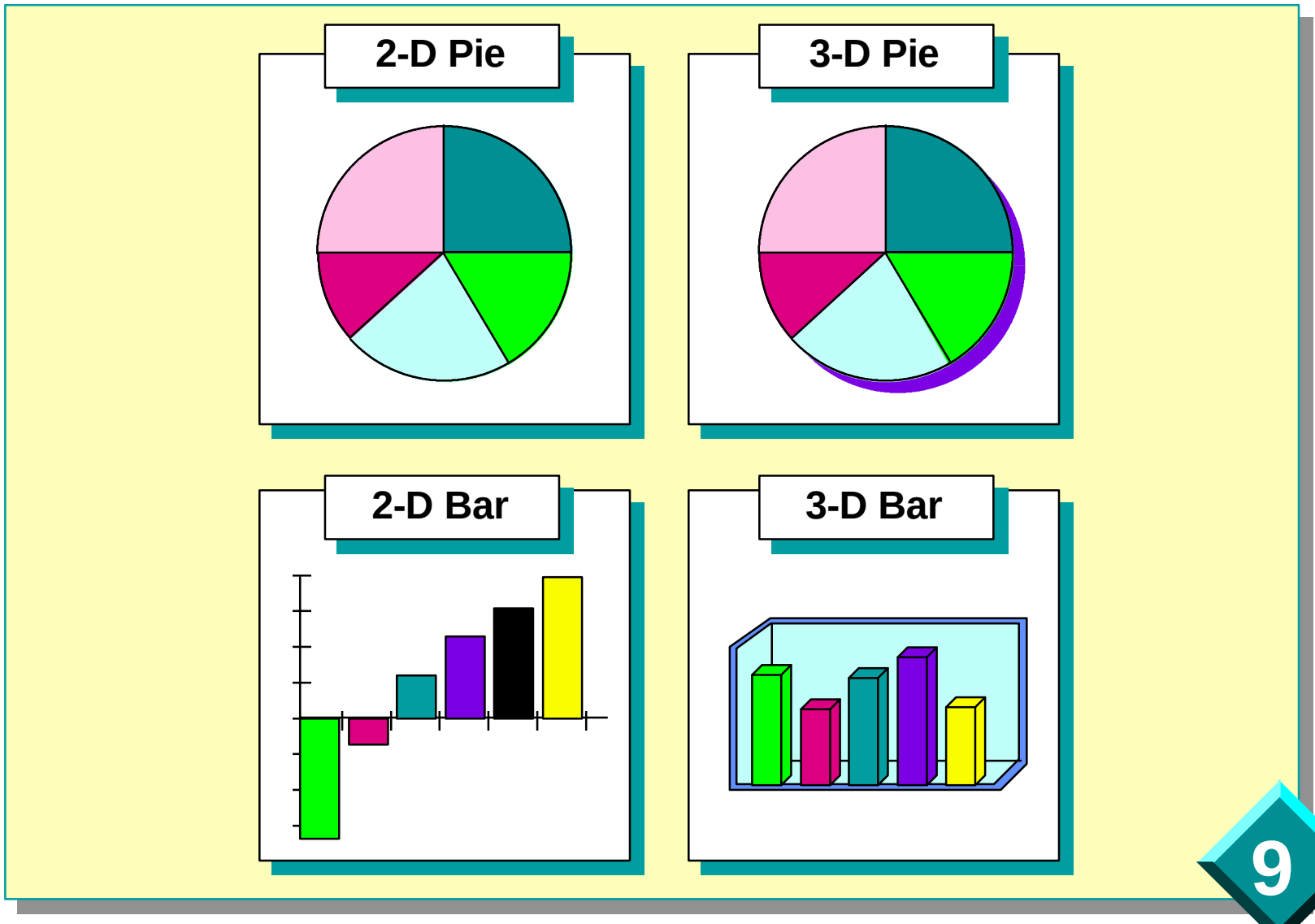
Using Colors

- RGB Function
- QBColor Function

Managing Redrawing Graphics



Using the Graph Custom Control



Adding an Icon to Your Executable File

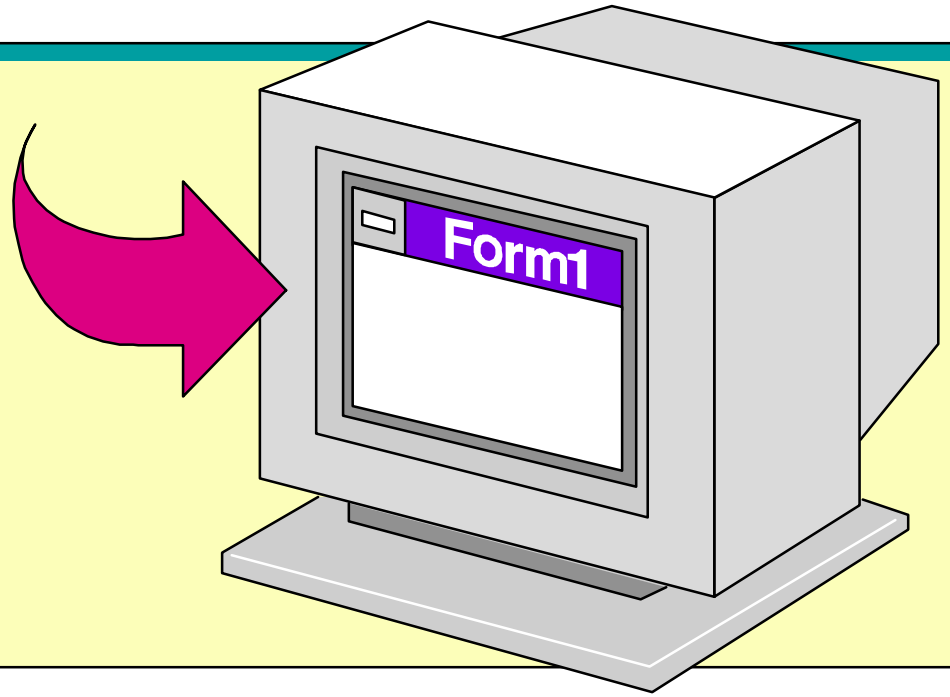
```
Form1.Icon = Load Picture ("XYZ.ICO")
```

—Or—

```
Form1.Icon = Image1.Picture
```

Getting the Screen Resolution from the Screen Object

```
If Screen.Height < EGA_HEIGHT...
```




```
Form1.Move (Screen.Width - Width) \2
 ↪(Screen.Height - Height) \2
```

Summary

- Coordinate System
- Graphics Methods
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- Picture Boxes
- Using Colors
- Managing Redrawing Graphics
- Graph Control from the Visual Basic Professional Edition

The End of The Course

- Thanks for your participation
- There's even more to Visual Basic
- Enjoy ! ! !