

Part I – True/False

- _____ 1. BackColor is an example of a method.
- _____ 2. A gif file can be used in a PictureBox.
- _____ 3. A Brush object is used with methods such as FillEllipse.
- _____ 4. Visual Basic's DrawSquare method can be used to draw rectangles.
- _____ 5. The parameters 0, 0, 0 can be used in the FromArgb method to produce the color black.
- _____ 6. The DrawLine method accepts 5 parameters: a pen object and 4 numbers.
- _____ 7. Methods should only be used as a last resort.
- _____ 8. The Paint method is used when drawing graphics on a form.
- _____ 9. A *call statement* is the first line at the top of a method.
- _____ 10. A call statement *must* contain at least one parameter.

Part II – Fill in the Blank.

11. What method can be used to draw a filled in circle? _____

Part III – Write a VB statement or code segment that performs the following tasks. You can assume that any necessary variables have been declared unless you are specifically asked to write a declaration statement.

12. Complete the following statement so it draws a straight, blue line from the point 10, 20 to the point 100, 50.

e.Graphics.

13. Complete the following statement so it draws an unfilled, hot pink oval that has a width of 100 pixels and a height of 50 pixels. The bounding rectangle must have a top, **left** corner of 150, 100.

e.Graphics.

14. Complete the following statement so it draws an orange, unfilled square that has a width of 150 pixels. The square must have a top, **right** corner of 200, 65.

e.Graphics.

15. Complete the following method named DrawTarget so it draws a blue circle that is inside of another red circle.

```
Private Sub DrawTarget(...)
```

```
End Sub
```

16. Write a call statement that calls a method named DrawTarget and that passes two parameters named sender and e.

17. Write a call statement that calls a method named DrawStickFigure. The method accepts no parameters.

Part IV – Essays. Neatly answer the following question(s) as completely as possible in a well-written essay.

18. Explain how the term *reusability* applies to methods in this unit of study in our Visual Basic class.