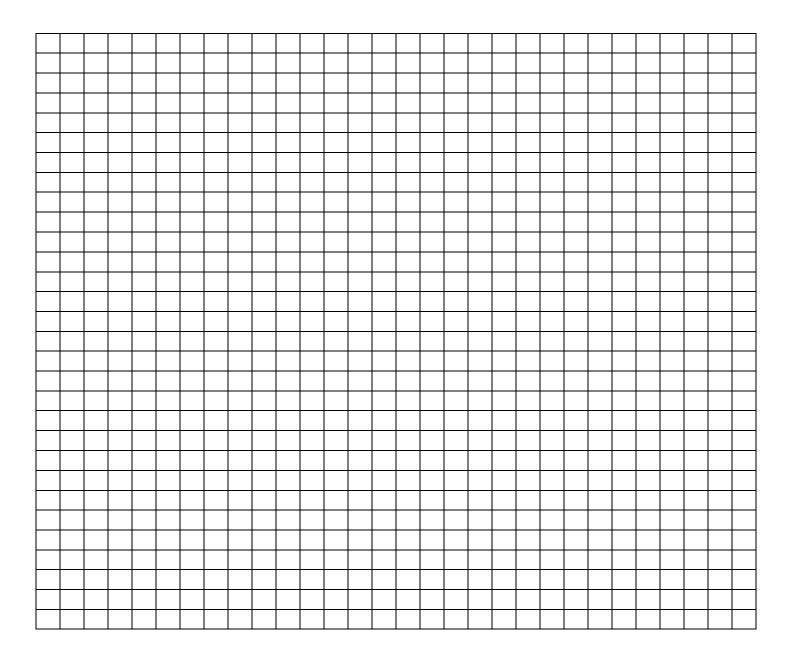
Visual Basic Practic Final Exam			Name: Period:	_
Choose the best answer. 1.) Which concept has to A. Concatenation	do with strings such as "Mr." B. Boolean logic	' and "Minich"? C. Collision Detection	D. Boundary Cases	
A. Concatenation	b. Boolean logic	C. Comsion Detection	D. Boundary Cases	
2.) Which code segment A. picThing.Right		B. If (picThing.Bott	om >< 100) Then	
C.picThing.Bottom			t + 10 > 100) Then	
3.) A line formed by the A. vertical line.	endpoints (10, 10) and (100, B. horizontal line.	100) is a C. diagonal line wit	h positive slope.	D. diagonal line with negative slope.
4.) The	method executes at reg	ular intervals of time.		
A. KeyDown	B. MouseClick	$C. { t Form_Load}$		D. Timer_Tick
		Player.Left -= 5	animate picPlayer?	
A. to the right	B. to the left	C. up the screen		D. down the screen
6.) Once you have initial A. design	ly placed a label on a form, y B. run	ou generally can reposition it dur C. interface	ing time.	D. none of the above
	method can be used to displa			
A. Hide	B. Visible	C. Display		D. Show
8.) The form that the user A. form named Form1		ion of a program he/she is using pout form	is the directions form	D. module
ž •	udio file with the TextToSp variable in any method of a			
10.) The statement	m - 2 is aquivalent to	which of the following statement	an P	
A. $num = num - 3$		= num C. num =		
11.) The abbreviation RC A. red, green, and brown		ised by programmers to create a cand blue C. red, gre		
12.) A Timer object can A. PictureBox	be used to animate the followards. B. Menu	wing types of objects except: C. Label	.Button	

13.) A Time	13.) A Timer's		method can be used to activate the Timer.			
A. Interval		${ m B.}{ m Modal}$	C. Start	D. Enabled		
	od style to store		a VB program in the projec			
A. graphic		B. header	C. metadata	D. interface sketch		
/	can be passed to a					
A. message box		B. method	C. module	D. parameter		
	is often used to o	_				
A. flag variable		B. global varia	ble C. call stateme	nt D. return value		
	Basic can convert text	into a spoken voice u	using the concept of	·		
A. Siri		B. Form_Loa	d C. Words to Sp	peech D. Text to Speech	D. Text to Speech	
Simplify the	exercises below base	d on the following va	riables.			
x1 = 9	x2 = 170	y1 = 120	y2 = 200	a = 3 b =	= 10	
side1 = 3	side2 = 4	num = -15	price = 11.50	a = 3 b = distance = 12.5 c =	= 2	
	18.) Math.Abs(nu	m)				
	19.) Math.Sqrt(x	1)				
	20.) Math.Round(price + 0.5)				
	21.) Math.Max(x1	* 9, x2)				
	22.) Math.Floor(distance - 0.6)			
	23.) Math.Pow(c,	a)				
	24.) Math.Max(y1	, y2) — Math.Ma	ax(x1, x2)			
	25.) Math.Floor(distance - num)			

e.Graphics.DrawLine(blackPen, 100, 0, 100, 150) 'line l
26.) Complete the If statement so it detects a collision between picPlayer and Line 1.
If (picPlayer.Top And picPlayer.Bottom And picPlayer.Right And picPlayer.Left)Then MessageBox.Show("collision") End If
Write a Statement or Code Segment – Write Visual Basic code that fulfills the following tasks. You must use any specific variable and object names given in the exercise.
27.) Write a statement that would be used to play a wav audio file named "gong.wav".
28.) Complete the Tick method for a Timer named tmrEnemy so that picEnemy moves across the form from top to bottom and wraps around so that when it goes off the bottom edge of the screen it wraps in on the top edge. Assume the form has a height of 300 pixels.
<pre>Private Sub tmrEnemy_Tick()</pre>
End Sub
29.) Write an If statement that turns off a Timer named tmrEnemy and hides the current form when the variable timeOfGame is less than or equal to zero.
30.) Write a single If Else statement that performs the following tasks. If the variable num is evenly divisible by 3, display the number "3" in a message box. But if the variable num is not evenly divisible by 3 then display the word "NO" in a message box.

31.) Write a statement that uses the Rnd function to compute and store a pseudorandom integer between or including 4 and 11 in the variable num.
32.) Write a line of code that would start a Timer named tmrDoStuff.
33.) Write a complete method named EndGame that can be used in any program to properly end (i.e. exit) the program.
34.) On the next page neatly sketch the designs formed by the following code. Label the endpoints of the line segments.
e.Graphics.DrawLine(Pens.Black, 10, 150, 100, 150)
e.Graphics.DrawRectangle(Pens.Black, 20, 20, 100, 100)
e.Graphics.DrawEllipse(Pens.Black, 20, 20, 100, 100)



Find and correct the errors in the following code segment. Errors include coding style, spacing, documentation (comments), and incorrect logic. You can assume that all lines starting with Private Sub are correct.

```
'Moves Player through maze
   Private Sub Form1 KeyDown(...)
        If (e.KeyCode = Keys.Right Or e.KeyCode = Keys.D Or e.KeyCode = Keys.NumPad6) Then
                                                                                                 'moves Right
            picPlayer.Left -= 5
        If (e.KeyCode = Keys.Left Or e.KeyCode = Keys.A Or e.KeyCode = Keys.NumPad4) Then
                                                                                                 'moves Left
            picPlayer.Left += 5
        If (e.KeyCode = Keys.Down Or e.KeyCode = Keys.X Or e.KeyCode = Keys.NumPad2) Then
                                                                                                  'moves Down
            picPlayer.Top += 5
        Else (e.KeyCode = Keys.Up Or e.KeyCode = Keys.W Or e.KeyCode = Keys.NumPad8) Then
                                                                                                 'moves Up
            picPlayer.Bottom -= 5
        End If
    End Sub
    Private Sub btnGameOver Click(...)
       App.End()
    End Sub
    Private Sub mnuFileReset Click(...)
        ResetGame()
    End Sub
    Private Sub GameReset()
        picPlayer.Right = 5
        picPlayer.Bottom = 155
    End Sub
End Class
```