# Review Info

1. Basic PowerShell functionality comes from cmdlets
   1. Verb-Noun
   2. Get-Process, Stop-Computer, Get-NetIPAddress
2. Get-Command will show cmdlets available in the current session
   1. Get-Command
   2. Get-Command –Name Get-\*
   3. Get-Command –Name \*-Process
3. To alter default cmdlet behavior provide parameters or switch parameters
   1. Get-Service –ComputerName Server1
   2. Get-EventLog –List
4. Get help with Get-Help
   1. Update-Help
   2. showwindow, detailed, examples and full switches can add info
   3. Get-Help –Name New-Service –Full
   4. Get-Help –name about\_\*
5. Strings can be enclosed in single or double quotes
   1. Double quotes will interpolate the values of variables
6. Variables are indicated by the $ character
7. Simple variable assignments:
   1. $text = “This is some text”
   2. $number = 35
   3. $services = Get-Service –Computername Server1
   4. $array = “one thing”,”something else”,”last element”
8. Most cmdlets return objects as output
   1. Properties can be read or modified
      1. $PS = Get-Process –name PowerShell
      2. $PS.StartTime
   2. Methods can be invoked, parenthesis required
      1. $PS = Get-Process –name PowerShell
      2. $PS.Kill()
   3. Output can be pipelined into other cmdlets that accept input
      1. Get-Process | Sort-Object –property name

# Try This

1. Get a full help listing for New-Service
   1. If two un-named values are passed to the New-Service cmdlet, what parameters will be assumed to be associated with the first and second un-named values?
2. Start and stop notepad from within a PowerShell session
3. Create a variable named $MyName and store your name in the variable
4. Get a list of currently running processes on your computer and store them in the variable $Procs
   1. What type of variable is $Procs ?(Hint: Use the gettype() method)
   2. What are the properties and methods on the objects in $Procs? (Hint: Get-Member)
   3. Use a method to close the current PowerShell session