

## VBScript and Python Simple Cheat Sheet

For ArcGIS Field Calculator and Label Expressions

Description	VB Script	VB Script Example	Python Equivalent	Python Example
Concatenate Strings	&	[ST_NAME] & " " & [ST_TYPE] <i>Wilcrest Dr.</i>	+	[ST_NAME] + " " + [ST_TYPE] <i>Wilcrest Dr.</i>
Print literal text	" "	[AREA] & " Acres" <i>1023.4 Acres</i>	" "	[AREA] + " Acres" <i>1023.4 Acres</i>
Print a new line	vbNewLine or vbCrLf	[WELL_NAME] & vbNewLine & [TOT_DEPTH] <i>Wildcat #1</i> <i>5028.2</i>	"\n"	[WELL_NAME] + "\n" + [TOT_DEPTH] <i>Wildcat #1</i> <i>5028.2</i>
Do math	+, -, *, /...	[SHAPE_LENGTH] / 5280 & " Miles" <i>374.2 Miles</i>	+, -, *, /...	[SHAPE_LENGTH] / 5280 + " Miles" <i>374.2 Miles</i>
Convert label to uppercase	ucase()	ucase([ST_NAME]) <i>WILCREST</i>	.upper()	[ST_NAME].upper() <i>WILCREST</i>
Make a portion of the text bold, underline or italicized	"<BOL>"..."</BOL>" "<UND>"..."</UND>" "<ITA>"..."</ITA>"	"<BOL>" & [WELL_NAME] & "</BOL>" & vbNewLine & [TOT_DEPTH] <i>Wildcat #1</i> <i>5028.2</i>	"<BOL>"..."</BOL>" "	"<BOL>" + [WELL_NAME] + "</BOL>" + "\n" + [TOT_DEPTH] <i>Wildcat #1</i> <i>5028.2</i>