

*If you have experienced difficulty helping others remember how to calculate performance indices and variances, you might appreciate the following table. Note that all of the abbreviations in each row and column are in alphabetical order. Even the math operations are in alpha order. <smile> Just follow the arrows and perform the indicated operations. - David J. Lanners, PMP*

## Earned Value Formula Table

*Hint: All abbreviations in rows and columns are in alphabetical order.*

	ACWP		BCWP		BCWS	
	<b>AC</b>		<b>EV</b>		<b>PV</b>	
<b>cpi</b>	←	÷	↙ ↘	÷	→	<b>spi</b>
<b>CV</b>	←	-	↙ ↘	-	→	<b>SV</b>

*Hint: Start with **EV** and then follow the arrows to create each formula*

**AC** = Actual Cost = (ACWP) Actual Cost of Work Performed

**EV** = Earned Value = (BCWP) Budgeted Cost of Work Performed

**PV** = Planned Value = (BCWS) Budgeted Cost of Work Scheduled

**cpi** = Cost Performance Index = ( EV / AC )

**CV** = Cost Variance = ( EV - AC )

**spi** = Schedule Performance Index = ( EV / PV )

**SV** = Schedule Variance = ( EV - PV )