

Calculating Earned Value Worksheet

Earned Value Terms	Definitions
BAC	
PV	
EV	
AC	
SV	
SPI	
CV	
CPI	
EAC	
ETC	
VAC	
TCPI	

Terms you may want to research more:

The Fence Project	Plan	Actuals (status)
Scope		
Schedule		
Cost		

Determine	Value	What does it mean?
BAC		
PV		
EV		
AC		

Determine	Value	Equation	What does it mean?
Schedule Variance (SV)			
Schedule Performance Index (SPI)			

Determine	Value	Equation	What does it mean?
Cost Variance (CV)			
Cost Performance Index (CPI)			

Determine	Assuming	Value	Equation
EAC	We will continue to spend at the same rate. NOTE: If no assumption is provided on the exam, assume we will continue to spend at the same rate.		
EAC	The remaining work will be accomplished at the original planned rate.		
EAC	Both the CPI and the SPI will influence the remaining work.		
EAC	Bottom-Up EAC		

Determine	Assuming	Value	Equation
ETC	We will continue to spend at the same rate. NOTE: If no assumption is provided on the exam, assume we will continue to spend at the same rate.		
ETC	The plan no longer represents reality.		
VAC	We will continue to spend at the same rate. NOTE: If no assumption is provided on the exam, assume we will continue to spend at the same rate.		

Determine	Assuming	Value	Equation
TCPI	We must complete the project with the original BAC (the original plan).		
TCPI	We must complete the project with the current EAC that was determined by assuming we will continue to spend at the same rate.		

System Upgrade Project	Plan	Actuals (status)
Scope		
Schedule		
Cost		

Determine	Value	What does it mean?
BAC		
PV		
EV		
AC		

Determine	Value	Equation	What does it mean?
Schedule Variance (SV)			
Schedule Performance Index (SPI)			

Determine	Value	Equation	What does it mean?
Cost Variance (CV)			
Cost Performance Index (CPI)			

Determine	Assuming	Value	Equation
EAC	We will continue to spend at the same rate. NOTE: If no assumption is provided on the exam, assume we will continue to spend at the same rate.		
EAC	The remaining work will be accomplished at the original planned rate.		
EAC	Both the CPI and the SPI will influence the remaining work.		
EAC	Bottom-Up EAC		

Determine	Assuming	Value	Equation
ETC	We will continue to spend at the same rate. NOTE: If no assumption is provided on the exam, assume we will continue to spend at the same rate.		
ETC	The plan no longer represents reality.		
VAC	We will continue to spend at the same rate. NOTE: If no assumption is provided on the exam, assume we will continue to spend at the same rate.		

Determine	Assuming	Value	Equation
TCPI	We must complete the project with the original BAC (the original plan).		
TCPI	We must complete the project with the current EAC that was determined by assuming we will continue to spend at the same rate.		