

# ***EVM Question Solving***



## **THE SECRET TO MAKING HARD EVM QUESTIONS ON THE PMP EXAM QUESTIONS EASY IS FOLLOWING A DISCIPLINED PROBLEM SOLVING PROCESS**

### **WHAT'S COVERED IN THIS SECTION:**

- Step-by-Step Guide for Using the EVM Question Solving Template to Solve ALL EVM Questions
- EVM Question Solving Template (use this to learn to ace ALL EVM PMP questions)

### **ADVICE: How to Use the Template**

- Step 1: Identify What is Asked For: Simplify the problem solving process by ensuring you know what the question is asking you to solve for and put a star next to that variable on the template. That focuses your attention in problem solving.
- Step 2: Define What is Given: Go back to the top and fill in the values for Budget at Completion (BAC), Planned Value (PV), Earned Value (EV), and Actual Cost (AC).  
ALWAYS DO THIS, These raw materials are needed to solve every problem!!!
- Step 3: Follow the Path to the Answer: The equations in the template are organized to methodically walk you step by step to the answer. Methodically follow the template from top to bottom!

# EVM Question Solving Template



## Earned Value Management Template

BAC		Total budget
PV		Work that <u>should</u> be done
EV		What <u>is</u> done
AC		Actual spend

$SV = EV - PV$	$CV = EV - AC$
$SPI = EV / PV$	$CPI = EV / AC$

$EAC = BAC / CPI$
$ETC = EAC - AC$
$VAC = BAC - EAC$
$TCPI = (BAC - EV) / (BAC - AC)$