

original:

	cost	duration
floor	200	2
wall 1	100	1
wall 2	100	1
wall 3	100	1
wall 4	100	1
roof	300	2
Budget	900	8

actual

	cost	duration
floor	300	3
wall 1	150	2
wall 2	50	1
wall 3		
roof		
Budget	500	6

① $AC = 500$

② $BAC = 900$

③ $EV = 900 \times \frac{1}{2} = 450$ ↑ $PV \times RP$ (实际完成工作)
 $= 200 \times 100\% + 100 \times 100\%$
 $= 400$

④ $PV = 200 + 400 = 600$

⑤ $CV = EV - AC = 450 - 500 = -50$

⑥ $SV = EV - PV = 450 - 600 = -150$

⑦ $CP I = EV / AC = 450 / 500 = 90\%$

⑧ $SP I = EV / PV = 450 / 600 = 75\%$

⑨ $EAC = BAC / CPI = 900 / 0.9 = 1000$

⑩ Estimated time to complete
 $= \text{original time estimate} / SPI$
 $= 8 / 0.75 = 10.67 \text{ days}$