1) BAC = 100,000 USD
AC = 60,000 USD
PV = 50,000 USD
EV = 40% = 40,000 USD
CPI = EV/AC
= 40,000 / 60,000 = 0.67
EAC = BAC/CPI
= 100000 / 0.67 = 149,253.73

2) AC = 200,000 USD
BAC = 500,000 USD
EV = 175,000
EAC = 200,000 + (500,000 − 175,000)
= 200,000 + 325,000
= 525,000 USD

3) BAC = 500,000 USD
AC = 200,000 USD
EV = 175,000 USD
PV = 225,000 USD
SPI = EV/PV
= 175,000 / 225,000 = 0.78
CPI = EV/AC
= 175,000 / 200,000 = 0.88

EAC = AC + [(BAC - EV) / (CPI * SPI)]

200,000 + (500,000 - 175,000) / (0.88 * 0.78)

$$200{,}000 + \frac{325{,}000}{0.69}$$

200,000 + 471,000

671,000 USD.