Example 4

Minuteman III12A SSKP	= 0.615
OAR	= 0.80
TKP	= (0.615)(0.80)
	= 0.49
	= 49%
Probability of Survival of Targets	= 51%

In sum 49% or 401 of 819 warheads could be expected to hit and destroy their targets.

To double target the Soviet missiles, the Americans might use the Minuteman III and Minuteman III 12A warheads which total 1650, against the 818 Soviet targets.

Example 5*

Probability of survival of the targets	= $(1-TKP_1)(1-TKP_2)$
TKP Minuteman III = 0.41	= (1-0.41)(1-0.49)
TKP Minuteman III12A = 0.49	= (0.59)(0.51)
	= 0.30
	= 30%

According to this scenario the U.S. would use 78% of its ICBM warheads, and all of its MIRVed ICBMs, or 14% of its total warheads to destroy 70% of Soviet counterforce ICBMs or 44% of Soviet warheads. The analysis can be taken one step further by introducing the Minuteman II which has achieved a substantially higher CMP, SSKP and TKP, because of recent improvements in accuracy.

A hypothetical scenario incorporating the Minuteman II might then be as follows:

- 450 Minuteman II warheads (450 missiles) targeted against 450 SS-17 and SS-18 silos

* For purposes of simplicity the equation assumes equal numbers of Minuteman III and Minuteman III 12A warheads. Strictly speaking, the probability of survival would be marginally less than that indicated here