

Problem 5.21 An initiating event could lead to failure scenarios A and B that involve human injuries. The injuries are estimated for both scenarios as follows:

Scenario A	Scenario B
One injury at AIS = 6 (fatality)	Two injuries at AIS = 6 (fatality)
Ten injuries at AIS = 3	Twelve injuries at AIS = 2
Fifteen injuries at AIS = 4	Fifteen injuries at AIS = 5

Determine the total costs, including medical and legal expenses, associated with each scenario in 2001 US\$.

Problem 5.22 An initiating event could lead to failure scenarios A and B that involve