

Stage 3			 The optimal strategy is therefore to continue playing until the contestant
Current	Optimal	Optimal	fails a question or reaches stage 4, at (assuming she is risk-neutral)
State	Decision	Value	
Active	Continue	4.8000	she is indifferent toward stopping or continuing.
Stopped	Continue	0.0000	
	Stop		
			 At stage 5, if she is still active, she should quit.
Stage 2			
Current	Optimal	Optimal	
State	Decision	Value	Expected reward at beginning of game: \$2,699
Active	Continue	3.3600	Expected reward at beginning of game. \$2.000
Stopped	Continue	0.0000	
	Stop		
Stage 1			
Current	Optimal	Optimal	
State	Decision	Value	
Active	Continue	2.6880	
Stopped	Continue	0.0000	
	Stop		