Slay the Dragon:

Show your work!

A dragon has 3 heads and 3 tails. A magic sword makes different types of cuts, all of which result in some form of regrowth.

Cut off:	Result:	What is the minimum (smallest) number of cuts needed to slay the dragon? * To slay the dragon, you must cut off all its heads and all its tails.
1 head 1 tail 2 heads 2 tails	regrows 1 head regrows 2 tails regrows nothing regrows 1 head	