Puzzle of the Week

Worked on by: _____

_____   _____

_____   _____

_____   _____

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:
1 head	regrows 1 head
1 tail	regrows 2 tails
2 heads	regrows nothing
2 tails	regrows 1 head

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.