

Puzzle of the Week

Date: _____

Worked on by: _____

Working together to solve a puzzle can be fun, not to mention helpful. To give credit where credit is due, list all the people who worked together on this puzzle. (They could be friends, classmates, and/or family members.) Please include last names and division numbers (for students).

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:

1 head
1 tail
2 heads
2 tails

Result:

regrows 1 head
regrows 2 tails
regrows nothing
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.