



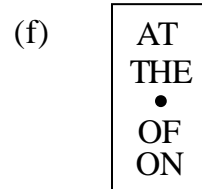
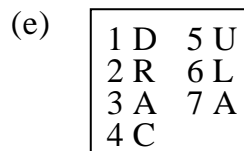
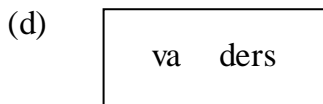
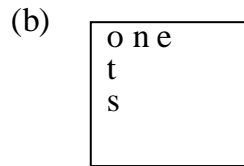
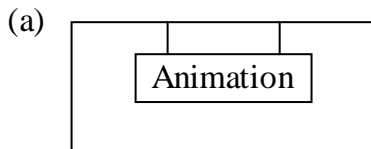
Neurological Nasties

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1. Can you find the hidden meaning behind each of these ?



2. A group of four people has to cross a bridge. It is dark, and they have to light the path with a torch. No more than two people can cross the bridge simultaneously, and the group has only one torch. It takes different times for the people in the group to cross the bridge:

Luke crosses the bridge in 1 minute,
 Han crosses the bridge in 2 minutes,
 Leah crosses the bridge in 5 minutes,
 Anakin crosses the bridge in 10 minutes.

What is the shortest amount of time it would take to get all four across the bridge?

3. The diagram below represents a paddock that is square in shape but with a quarter missing. The paddock has to be divided into four smaller paddocks each identical in size and shape. How can this be done ?

