



Neurological Nasties

L

www.mathxtc.com



1. What is the smallest number that leaves a remainder of 1 when it is divided by 2, 3, 4, 5 or 6 ?
2. Eddie needs 4 days to mow the lawn at the council park. Mark and David, working together, need 3 days to do the same job. How long will it take Eddie, Mark and David to do this job if they work together at the given rates ? Assume that they don't get into each others way.



3. You wish to break a bar of chocolate 4×6 into single pieces.

Each break consists in taking one block and breaking it along a straight line.

What is the smallest number of breaks needed and what is the most efficient method ?

What is the smallest number of breaks needed for any size block of chocolate ?

