- [https://www.spoj.com/problems/AMR11E/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FAMR11E%2F&event=video_description) - easy sieve - [https://www.spoj.com/problems/GCDEX/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FGCDEX%2F&event=video_description) - read this - [https://discuss.codechef.com/t/a-danc...](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fdiscuss.codechef.com%2Ft%2Fa-dance-with-mobius-function%2F11315&event=video_description) - [https://www.spoj.com/problems/ANARC09C/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FANARC09C%2F&event=video_description) - 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[https://www.spoj.com/problems/TDPRIMES/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FTDPRIMES%2F&event=video_description) - same as above - [https://www.spoj.com/problems/FINDPRM/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FFINDPRM%2F&event=video_description) - [https://www.spoj.com/problems/LCPCP2/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FLCPCP2%2F&event=video_description) - very simple - [https://www.spoj.com/problems/GCD2/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FGCD2%2F&event=video_description) - tricky - [https://www.spoj.com/problems/NDIVPHI/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FNDIVPHI%2F&event=video_description) - use BigInteger - [https://www.spoj.com/problems/DIVSUM/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FDIVSUM%2F&event=video_description) - pre computation or multiplication formula - [https://www.spoj.com/problems/DIVSUM2/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FDIVSUM2%2F&event=video_description) - Multiplication formula - [https://www.spoj.com/problems/MAIN74/](https://www.youtube.com/redirect?redir_token=9HHD-crf_80JLwGwR4n4YG_bZHF8MTU5MTQxOTI1NkAxNTkxMzMyODU2&v=gREDFgHL9m4&q=https%3A%2F%2Fwww.spoj.com%2Fproblems%2FMAIN74%2F&event=video_description) - find first few values and observe the pattern