Congratulations for getting to this stage! Solve these two final puzzles and get additional points from the RSA Quest Quiz!

DecipherCommonDivisor puzzle

Use these as parameters of
DecipherCommonDivisor(first_ciphertext,first_modulo,first_exponent,second_ciphertext, second_modulo,second_exponent) in your RSA Quest Notebook to get the first and the second parts of the final answer! Note that some of the parameters are on the next page.

first_ciphertext:
2340219783982569297295766004577800584214957089752556588403060984144749725189798969944187886435682707638291414450330632782519558661235955542477449098203758223706699497459768095015889399114184834208700573977456351031621946283499885646639585423946874801247481393996973627938147414140897544193022665447050984054590205727341952958631942099695363524604763251713334383761401696461176748766477109713824295638435887523595445524252559595190297699240480799817361462824868047333599482826829214633744976147539512358779840250950906473302037621404671062661398282452008807449216135596254412709706306612180825630285207

first_modulo:
584308230525283822321331623026864509503254695058756592408932294029128498407843093988079100659148276939276543790876916993438724634318638205284042062386213750341342232245508982366352770144858028121698429238925450645063827509145061317334217556201697712520687221490934631941103898881987065473991132746693249392302895903848172822200668156215156943617769876061242241661396328829239724554656871633658928734073771541865829202329837322640419614255197258678023584138173838594688526441749517344786576522059637971316156413535717429015429700470920564416842571256334608927155642196955349821327728470995009901531594933

first_exponent:
2746118316073165006639038412489080229254239843347153634155286882078957003180280976570735902213132927273096496684341374829942796710900231180504644399747

second_ciphertext:
30727040453983198346085853479092007121170298341280644429200282752975717255888449
50848455160588121610317370817106044792955922551008270509007724543503222639431533
40655537064816139136035344703946704371849477221551531142092681932350421407369230
23590768685692783514873340402355775735846109759697748120233777810481952073715032
87730490209775044598186907618266662202947369466992017246871677993734867386817129
43262090311590364587328956436717685143497293784859190246860440009105109434323041
22317377572964272370825515688006084797380707045470951321039467067019460709497651
68271028687882456588844693922963938374

second_modulo:
42955660491543430460148980223483714568674234383080724206879432109744068992302351
87267809432262619878287539526439968370253144265013550113531422441841295632925724
47535386692248674634169335788482366917577517603463887738711776547313306261061504
00017398309330888903195999995955385444097920846918948184509773583149893677181571
42793253578650355449431424429438755114199668956564792537557458659099856995689767
07229642004670308919577549591877184943365045599438851996864874993064175960917320
19643533054349876912582987170110689841980733691588287144182824378328622431439004
25809144291981425332277412536450293946017

second_exponent:
16963079461635626485097524846303491923479932697793985959927718235620767024267651
019045502389212537826732223105356078987625999040652056756270811385869

DecipherHastad puzzle

Then use these as parameters of
DecipherHastad(first_ciphertext,first_modulo,second_ciphertext,second_modulo) in your
RSA Quest Notebook to get the third - and last - part of the final answer!

first_ciphertext:
16959258189347019585367326064710071478716977737288813059814263830041258881875310
96540654444788889942827682032651915812560

first_modulo:
20197030972629441437452373457106266016165893441966124472330412789454203038950667
47521520016873554257418261735709528173 41

second_ciphertext:
43818048107104408709604817351958636909129350389181045955809852165565950075240555
349847213552982258932829137287962280 2017

second_modulo:
96891450635379785327434081793611116423656275489810521442209514964160404253104024
3209810736059746240506447210425767208577

Concatenate the parts to get the final answer, copy, paste and submit it to the quiz "RSA Quest - Quiz"!