What’s the Great Answer?
Online vs. Paper Homework and Assessments

Chat and Chew
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What are the benefits, drawbacks, problems and solutions for using online and/or pencil-and-paper homework? What strategies for using online and paper, and blends of using online and pencil-and-paper homework. The facilitator has used a variety of blends, but hasn’t quite found “the answer”. What have other instructors tried and discovered?

Thank you to all participants. It was great to hear others’ use of online and paper work in a variety of classes.

Session 1

No need to post keys with online HW
Algorithmic homework online not deeper, conceptual questions
Web assign – rote/routine not challenging
Complaints about assigning online homework and it’s not on the test
Math lab – why so much
Also use math lab “quiz” when gone
Mathlab – show your work – don’t use, only automatic grading
Written homework – two column proof style and grade to see thought process
Try to balance paper/pencil vs online; conceptual vs routine
Conceptual paper/pencil – how do you write these questions
Homework in college level class to your homework because you want to learn. “you’re a big person” do your homework...

If you want to cheat fine... grades reflect learning not the other way around.
Students hire someone to do web assign homework – craigslist – careful of online stuff for that
Percent of homework 5 or 10% max 15% online and 15% written – 30% total... commuter school, culture of school students need to be persuaded to do the homework so that’s why it’s’ so high.

Used to be no homework grade, now we are in culture of “bribe” them to do homework with a percent of points.

if you give away grades student think you’re wonderful... sad they think homework isn’t important.

Session 2

Entering in homework incorrectly and getting wrong when just entered only. Gave up and did paper/pencil. Students not doing it paper because they had to look up the exercises. Then made worksheet of book examples (typed out for students because the extra step of looking them up was too much)... this is college...

Lumin - Statistics online homework is easier and quicker. 0.2 vs log base 2...

Students are cheating,,, half and half... grading nightmare

Mimicking web assign not thinking

10 online problems - teacher grades one

Newton alta...

Hybrid classes - In addition to Pearson online HW, paper and pencil sheets with grading rubric and grade 4 random problems every 10 days. Student grade (TA) they do all because they don’t know which ones they are going to grade.

Online students 2 proctored exams – not all in one center... a lot harder than ones graded in classroom... grade all of them and put comments on all of them.

Online 25 questions per section evolved to 3 to 5 per section for each class. Paper/pencil 3 – 4 but must fit on one side of paper every section. 20 graded homeworks online...

Students not doing paper.. not doing online... gave student in class time to do paper/pencil...

Computer delivered my labs plus... all practice problems computer delivered no collection of homework. Competency based coreq with statistics... just want correct answer.. fundamentally missing the process. Can they a week form now solve the equation.. years ago, assigned homework and did not grade it.

Comment collect grade for best... tell if doing homework by performance on a test.
First taught need to do 1 – 10 in book... one of those questions is on the quiz might change a number... gave me a way to grade their work and a way to get ready...

If you only do homework they don’t’ know how to write answers.. grade hand back they fix then grade again...

They don’t think they are gaming the system they think they are learning. Pattern recognition, not learning...

**Session 3**

One semester stats everything online. Even in this day and age some students are terrible about computers... don’t know how to open things, send screen shot... some are terrible at typing too not coherent answer... so I’m half and half.. no computers for test, just paper. Tried open ended questions, no longer so now MC TF system grades

Online coordinator for district – everything online everything homework test, proctor. Fact to face nothing online notes activates tests homework. Online – coreq through business calc. on ground pre-calc QR use excel but not online.. pre calc paper/pencil calc don’t use online so precalc must do paper/pencil to get ready for calc.. proof not good online... just grade it all, a lot of time, assign 15 and grade 4, but all up for grabs.. you never know what I’m going to grade.

Stats – all online reading quizzes online tests paper. College alg pre calc mostly online homework but identities paper pencil. Graphing on paper.. online asymptotes etc. then pick graph. However, graph graph online QL online in spring... test notation not the greatest, active learning in class in class activities to work on notation....

QL dev ed to QR going all co req

Not co req embedded remediation

Electronic remediation? Put it into regular homework. Aleks embedded remediation, don’t know this so go back... (in this ‘program’)  
Aleks (sp) tutors with instructor still paper test and computer test, paper test paper final.  
Have to grade some homework...  
I like instant feedback with electronic.  
They are getting feedback, but are they understanding the conceptual material