Why I Grade Mathematics Papers at K-State?  
The real benefits of grading for us

AA: "Being a grader helps me to make connections with graduate students who can help me when I need help understanding a
difficult concept."

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BP: "Has grading helped me think on my feet? 
Yes, it most certainly has. Sometimes a student will have an answer that I may not be certain what they are trying to say or if it is
close enough to the theory of the problem rather than the solution itself. I usually try and think what the professor I work with would 
say and decide in that manner."

BP: "Does grading help you with your other math courses? 
Yes! Sometimes it seems that higher level courses get so far away from basic math or lower level algebra and calculus. For example, 
the other day I had a problem in calculus 3 that involved something I had learned back in Calculus 1. Grading for General Calculus 
helps to keep my mind refreshed on the fundamentals of calculus and thus help me in the long run."

BP: "Does grading help fine tune your own math skills? 
Yes. I think that you can never get too much practice. I love grading for College Algebra because continual review of what the Math 
100 class helps further my own skills. I like to think that I am continually adding to my knowledge by grading other student's papers."

BP: "Would you recommend grading to future students? 
Yes I would. Grading not only helps to keep you brushed up on your mathematics skills, but it gives you a chance to be more responsible, build relationships with professors in the mathematics department, and of course, since we are college students, you earn some money! I think it is a great on-campus job and I plan on working as a math grader until I graduate."

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AD: "Yes. Although I'd have to say, another thing that's been very helpful is being the help in advanced help rooms. It teaches you to think on your feet and solve problems that much faster. I wish I had been doing that longer because that's really helped me this past year."

AD: "Yes. I also think grading the upper level classes has really helped my proof writing. Because having to be critical of other people's proofs, I think I've cleaned up mine a lot."

AD: "I don't think they really recruit involvement well. I don't think involvement in the math grading program is well recruited. I would have liked maybe to have started grading sooner. Mass emails are sent out, but nobody ever tells you the benefit of doing this, besides a little bit of money. I can remember at the time I thought my free time was more important, I didn't see it as being productive."

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LW: "Grading has been very beneficial in my time at college. It has definitely helped me out in my other math classes. Since I grade sections of math lower than my own, it has given me a great chance to catch up on some of the things I have become a little rusty on, and has been a great way to review some fundamentals of math. It has also helped me to improve my own assignments as I can see how a grader looks at the papers, and what they are looking for. I think grading is an excellent opportunity that anyone should take advantage of. Not only has it given me a chance to touch up on some of my math skills, it also gives me a nice amount of money for work that I enjoy doing."

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SS: "Because different people will solve things different ways or use different notations, grading forces you to think about the ways of solving problems that you wouldn't normally think about; you get better at thinking of alternative problem solving methods. As a job it's great because you have so much flexibility with the times you work."