ITEM 1. Review of Results for Quantitative Reasoning Scenario Re-Pilot

Discussion: At the prior committee meeting, the Quantitative Reasoning Scenarios from the re-piloting during summer of 2010 were graded. Since the scores from this administration of the Scenarios were no better than the initial administration, the committee determined that it should set up a subcommittee to look at the instrument in greater detail.

The first step the subcommittee took was to do an item analysis of all the Scenarios from the summer re-pilot. What was immediately observed was that there were two questions that almost everyone missed. Upon further examination, the subcommittee members determined that the questions were unclear and difficult to answer. These two questions were eliminated from the Scenario.

The second step the subcommittee took was to compare the questions being asked in the Scenario to the kinds of questions asked on the MAPP exam. It was determined that the Scenario questions were similar to those asked on the MAPP, but that perhaps they lacked the variety that can be found on the standardized test. The subcommittee felt that this was important because although there were seven questions, those questions were based on two graphs. If a student wasn’t able to interpret one of the graphs correctly, they would be automatically be unable to answer approximately half the questions on the Scenario. In order to alleviate this problem, the subcommittee developed a third set of questions that test a different set of quantitative skills.

Finally, the subcommittee examined the rubric to incorporate the additional questions, since the Scenario increased from seven to ten questions.

Data/data source: (where appropriate)

Action: The subcommittee revised the Quantitative Reasoning Scenario and rubric.

Meeting Adjourned at 3:00 p.m.
Submitted by:

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