



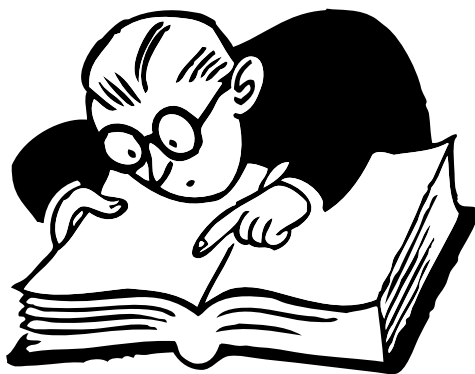
Problem of the Week

Problem C

The Best Laid Plans

In preparing to write an examination, Stu Deus made the following observations:

- The exam had 20 questions.
- He estimated that he would spend 6 minutes per question.
- The exam would take him 2 hours to complete.



However, during the actual examination, Stu discovered some difficult questions which each required 15 minutes to complete. He also discovered some questions which were much easier than he expected and only took him 2 minutes per question to complete. Seven of the questions, however, still required 6 minutes each to complete. Surprisingly, Stu was still able to complete the exam in 2 hours.

How many of the 20 examination questions did Stu find difficult?

