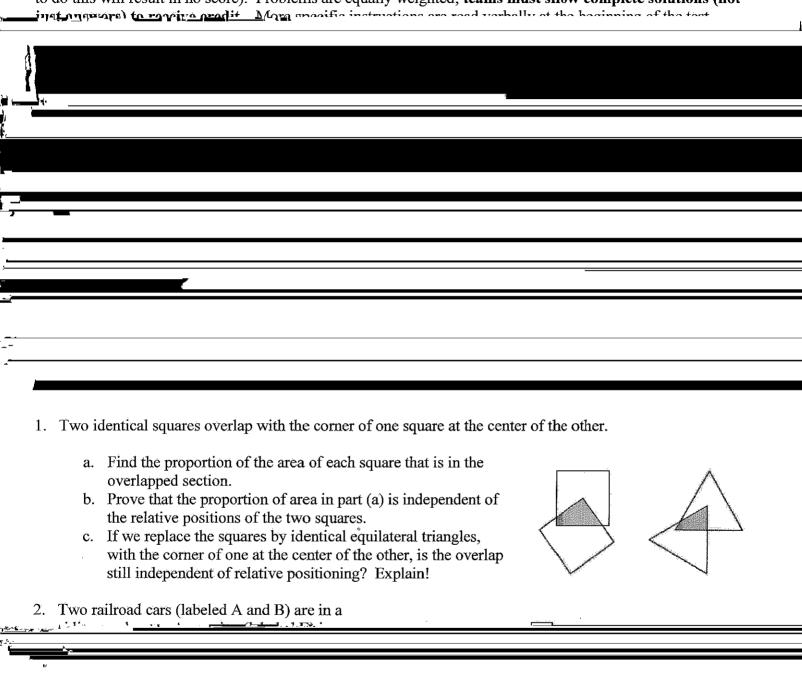
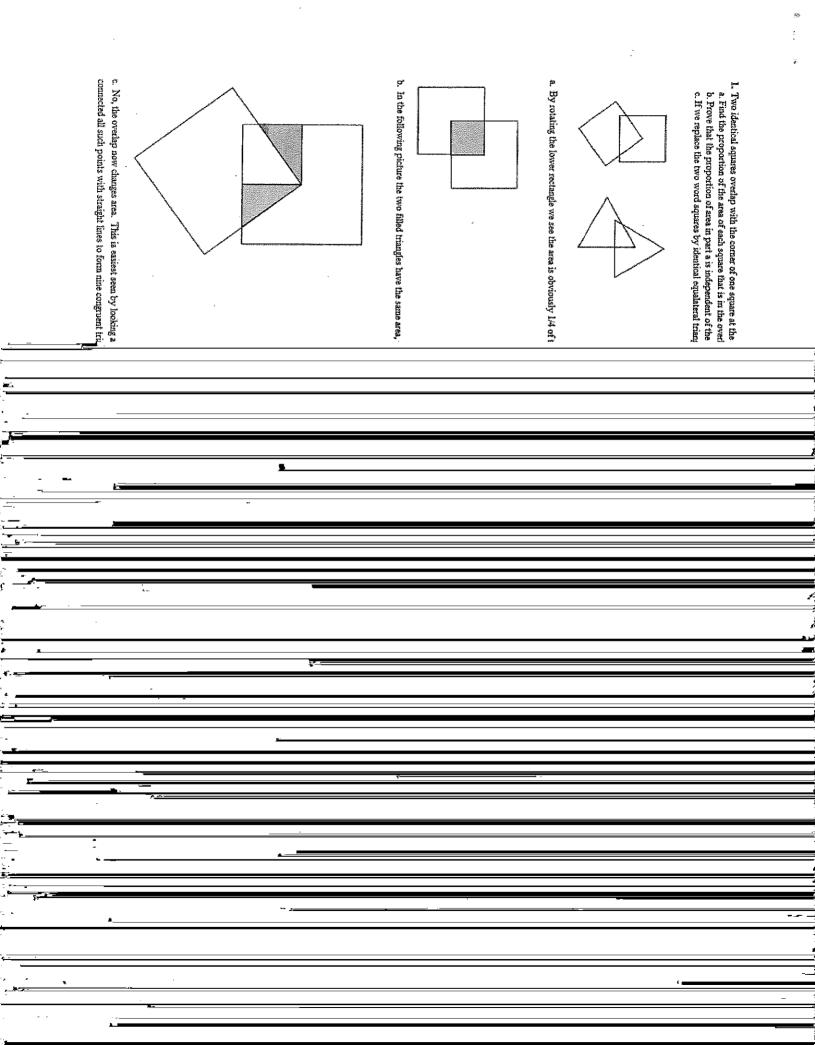
## 2011 John O'Bryan Mathematical Competition Junior-Senior 5-person Team Test

Abbreviated Instructions: Answer each of the following questions using separate sheet(s) of paper for each numbered problem. Place your team letter in the upper right corner of each page that will be turned in (failure to do this will result in no score). Problems are equally weighted; teams must show complete solutions (not just answers) to receive gradit. More specific instructions are read verbally at the beginning of the text





	1 Use the engine to 2. Leaving car A wh 3. Unhitch car B, m 4. Hitch to car B, p 5. Pull both cars bac 6. Unhitch car A (le 7. Drive the engine ( 8. Pull car A down t 9. Return the engine	2. Two railroad can
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