

**READ THESE DIRECTIONS**

Calculators are **not** allowed.

**You will hand in the entire test. Do not detach any of the sheets.**

Check that you have 12 multiple choice problems and one partial credit question. For each partial credit question, mark an X over the one correct answer on this answer page. **Do not circle answers!** To change an answer, erase completely or black out the wrong answer and mark an X over the correct answer. For example, if (b) is the correct answer, then

(a) ~~X~~ (c) ~~X~~ (e) will receive full credit,

(a) ~~X~~ (c) ~~X~~ (e) will receive no credit.

On partial credit questions show all work. Credit given will depend on clarity and correctness of work shown. Answer alone or answer which does not follow from the work shown worth one point.

You will receive 5 points for each correct answer.

1.  A  B  C  D  E

2.  A  B  C  D  E

3.  A  B  C  D  E

4.  A  B  C  D  E

5.  A  B  C  D  E

6.  A  B  C  D  E

7.  A  B  C  D  E

8.  A  B  C  D  E

9.  A  B  C  D  E

10.  A  B  C  D  E

11.  A  B  C  D  E

12.  A  B  C  D  E

13. \_\_\_\_\_

I have not violated the Honor Code in any way with regard to this work.  
  
Signature

