

Write your name here \_\_\_\_\_

In pencil, write your name, PHYS 1303, and your answers on the Scantron card.

\*\*\*\*\*

Own materials needed: scientific calculator  
standard orange formula sheet  
use question sheet as scratch paper  
pencil

All needed data are provided in the questions. Use  $g = 9.80 \text{ m/s}^2$ .

\*\*\*\*\*

*No credit is given for working.*

There are 17 questions.  
Every question carries the same credit.  
An incorrect answer scores zero.

\*\*\*\*\*

Hand in this question sheet and your Scantron card when you have finished.