

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

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

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Own materials needed: scientific calculator  
Standard ORANGE formula sheet  
use question sheet as scratch paper  
use a pencil for scantron

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

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*You may use this question sheet or scratch paper for working. No credit is given for it.*

**Section A** contains 11 problems and will count **2/3** of the overall credit

**Section B** contains 16 conceptual questions and will count **1/3** of the overall credit

Questions carry the same credit in each section.

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