

DYNAMICS WORKSHEET

Name: _____

Problem: _____

Prepare:

- List knowns. Identify what you're trying to find.
- Identify forces and draw a free-body diagram
- Draw a pictorial representation for problems with motion: Show important points in the motion, establish a coordinate system, define symbols, draw a motion diagram

Solve: Start with Newton's first or second law in component form, adding other information as needed to solve the problem

Assess:

- Have you answered the question?
- Do you have correct units, signs, and significant figures?
- Is your answer reasonable?