DYNAMICS WORKSHEET Name _____ St No __ __ __ __ __- __ __ __ __ Prob:__

1) Pictorial Representation

a. sketch showing important points in the motion
b) coordinate system
c. symbols for knowns and unknowns

known:

find:

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2) Physical Representation

a. motion diagram
b. force identification
c. free-body diagram

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3) Mathematical Representation

a. start with Newton's first of second law
b. include other information as needed
c. solve.

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4) Assess

a. units?
b. reasonable?