Quiz#4 Ch5&6-1

Name: ID#: Sec#:

Given the information below, calculate the friction forces between the block m and the surface indicating its direction and tell whether they are static or kinetic friction.

(Hint: first, find)

F

1. (2 points)

m

mg

Fsin30

F

m

1. (3 points)

Fcos30

mg

The direction of is up since mgsinθ > F

F

1. (5 points)

m

mg