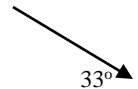


Physics "Chpt 6 rev 5"

1. What is μ if a 12 kg box is pulled across the floor at a constant velocity by a 66 N force directed 33° above the horizontal?



2. What is μ if a 12 kg box is pulled across the floor at a constant velocity by a 66 N force directed 33° towards the horizontal?



3. What is μ if a 12 kg box is pulled across the floor at a constant velocity by a force of 94 N directed 23° above the horizontal?

4. What is the acceleration of a 12 kg box that is pulled across a floor by a 94 N force directed 22° above the horizontal if μ is 0.23?

5. What is the acceleration of a 12 kg box sliding down a 33° ramp if μ is 0.22?

6. What is the acceleration of a 12 kg box pushed up a 33° ramp if a 250 N force is applied to it at a downward angle of 15° from the ramps surface?

