

Physics “Chpt 6 rev a”

1. What is μ if a 12 kg box is pulled across the floor at a constant velocity by a 66 N force directed along the horizontal? What is μ if the box accelerates at 1.2 m/s^2 by the same 66 N force?
2. What is the friction force if a 12 kg box is pulled across the floor at a constant velocity by a force directed along the horizontal if μ is 0.22?
3. What is the acceleration of a 12 kg box that is pulled across a floor by a 94 N force directed along the horizontal if μ is 0.33?
4. What is μ if a 12 kg box is accelerated across a floor at 1.3 m/s^2 by a 94 N force directed along the horizontal?
5. Try me if you dare!!! Do problem #4 except now the 94 N force is directed 22° above the horizontal Think!

