

Friction Lab

Research Question(s):

1. How does weight affect the force needed to move an object when there is friction between the object and the surface?
2. How does weight affect the force needed to keep an object moving at a constant speed when there is friction between the object and the surface when there is friction between the object and the surface?
3. How does the type of surface affect the force needed to move an object when there is friction between the object and the surface?
4. How does the type of surface affect the force needed to keep an object moving at a constant speed when there is friction between the object and the surface?
5. How does weight affect the critical angle of incline for a block to be at rest on a ramp when there is friction between the object and the surface?
6. How does the angle of incline affect the force required to pull an object up an incline at a constant speed when there is friction between the object and the surface?

Procedure:

Data:

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Conclusion: