

Week 9 Mass

Situation 1

1 kilogram (the stuff) weighs 10 N (pull of gravity)

SITUATION #1

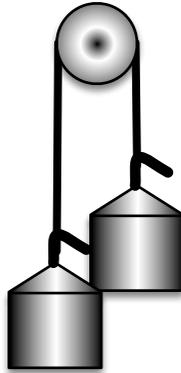
We can cancel out weight here on Earth and you can feel just the mass. Does it take any force to hold them in place?

Why not?

Now push them up and down. Do you feel something when you slow them down and speed them back up?

That can't be weight you're feeling because the two weights canceled out.

If you put your hand on the table and push one of them down onto it, is it possible that it could hurt?



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