

Week 5 Friction

Using Coefficient of Friction A

$$\text{Force of Friction} = \text{Cof} \times \text{Force that pushes the surfaces together}$$

Calculate the friction for each person and circle who would win the tug of war.

Andre the Giant
W = 1600 N

Achilles
W = 1200 N




Bunny Slippers
CoF = 0.25

Air Max
CoF = 0.5

Hulk Hogan
W = 1200 N

Odysseus
W = 1000 N




Emerica Reynolds
CoF = 0.75

Cleats
CoF = 1.0

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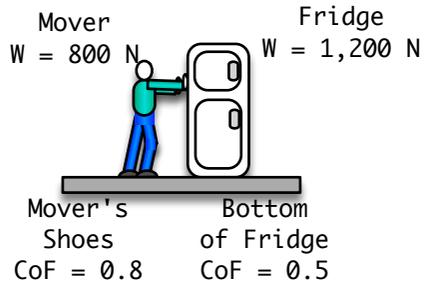
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Air Max
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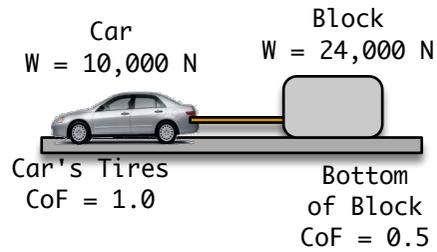
Emerica Reynolds
CoF = 0.75

(Show your calculation)

Will this fridge get delivered?

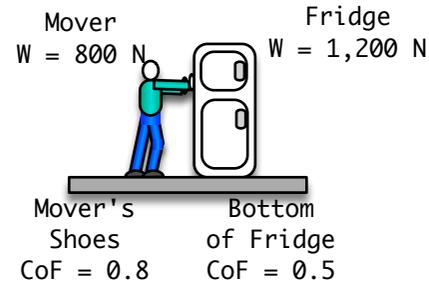


Are the car's tires slipping?

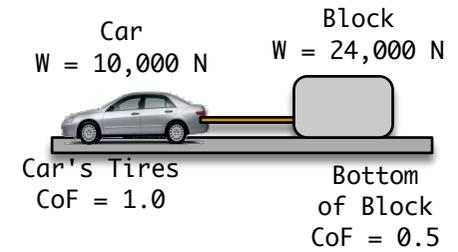


(Show your calculation)

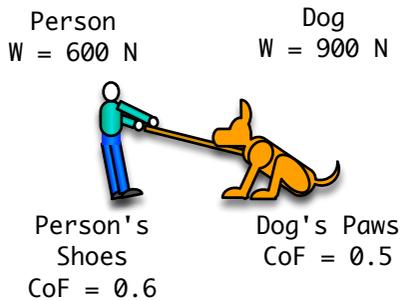
Will this fridge get delivered?



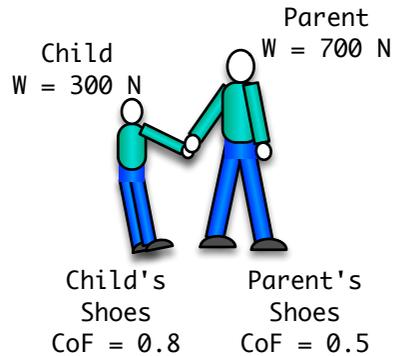
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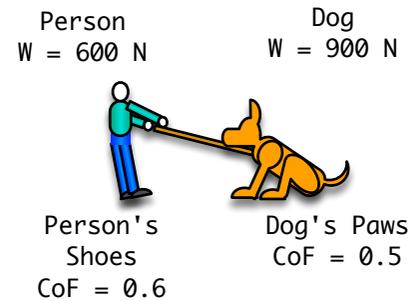
Will this dog be going for a walk?



Is this child going shopping?



Will this dog be going for a walk?



Is this child going shopping?

