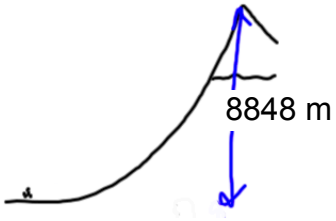# Corona Week 2

1. The person uses a force of _____ N to push the car ___ m.

How much work was done by the person?

Choose force of the person between 100 and 300 N
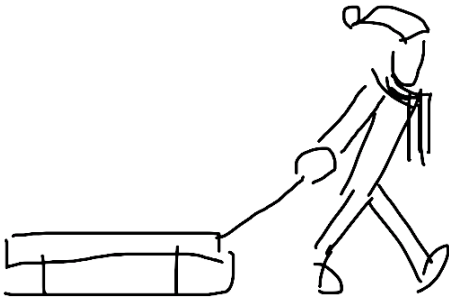Choose distance the car is pushed between 50 and 100 m.

8848 m

2. Calculate how much work it would take for you to climb Mount Everest.

Mount Everest is 8,848 m tall.
Choose your mass in kg to be your weight in pounds divided by 2.2.

(DU) 3. The person pulls the sled ___ m to the right with a force of _____ N at an angle of ____°.

How much work was done?

Choose the distance the sled is pulled between 10 and 20 m.
Choose the force of the person to be between 20 and 50 N.
Choose the angle to be between 30° and 45°.