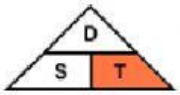
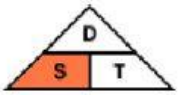
Calculating Net force, Speed, Time, Distance

Distance = Speed x Time



Time= $\frac{\text{Distance}}{\text{Speed}}$

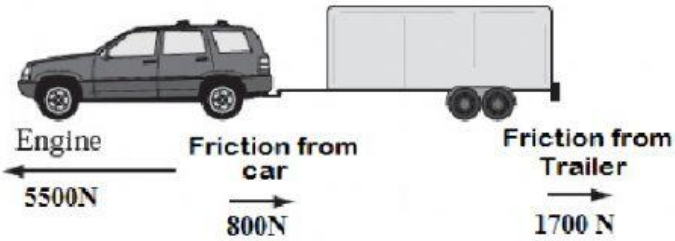


Speed= $\frac{\text{Distance}}{\text{Time}}$

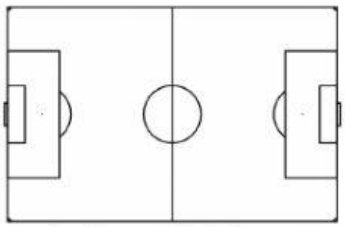
Directions: Use the equation above to answer the following questions. Show your work and include the units.

1. Juan and Felipe are hand wrestling. Who will win? By how much force will he will? And in which direction? Show how you got your answer.

2. The car wants to haul a mobile refrigerator. Does the engine produce enough force to make it move? With what force will it be moving?



3. A football field is about 100 m long. If it takes a person 20 seconds to run its length, how fast (what speed) were they running?



4. The pitcher's mound in baseball is 85 m from the plate. It takes 4 seconds for a pitch to reach the plate. How fast is the pitch?

LIVEWORKSHEETS