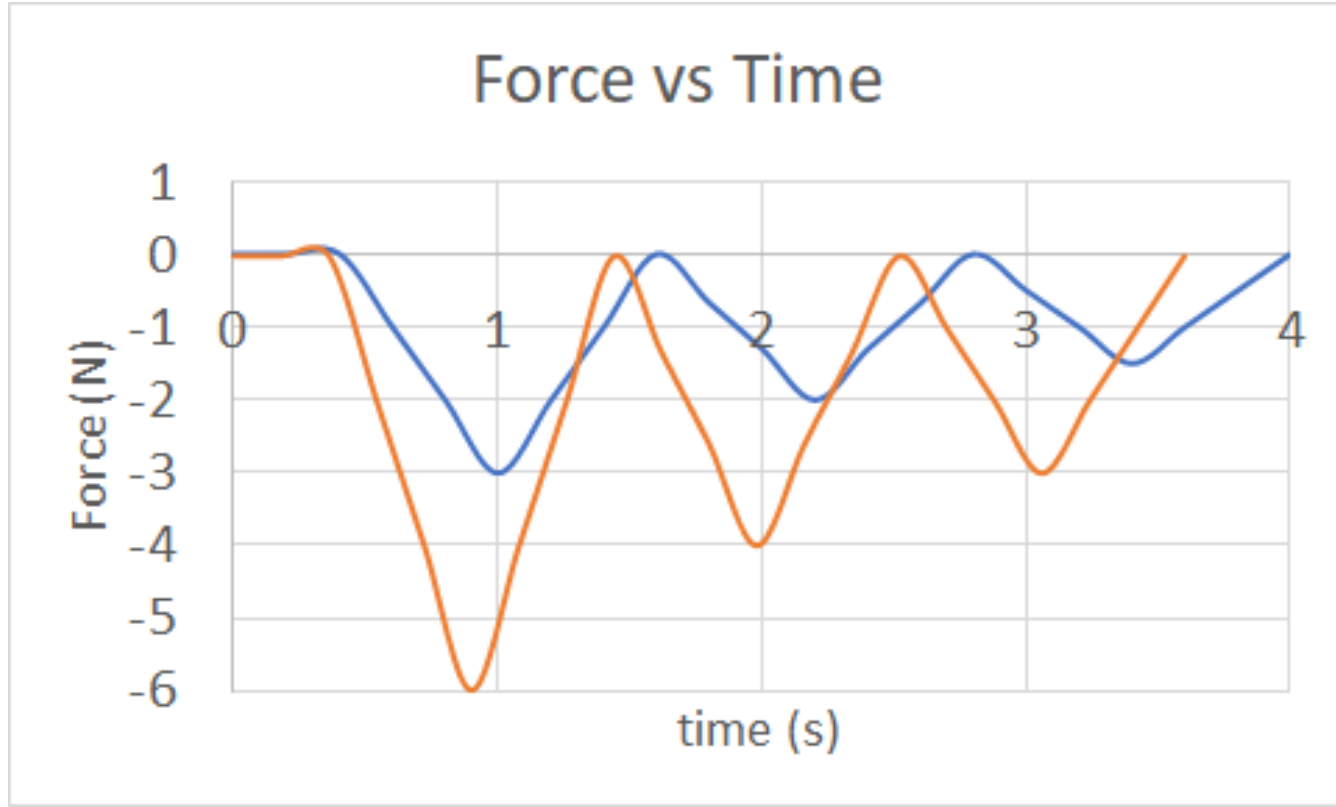


Saving Gwen Stacy and the Role of Impulse

PASCO Graphs - What do they tell us?

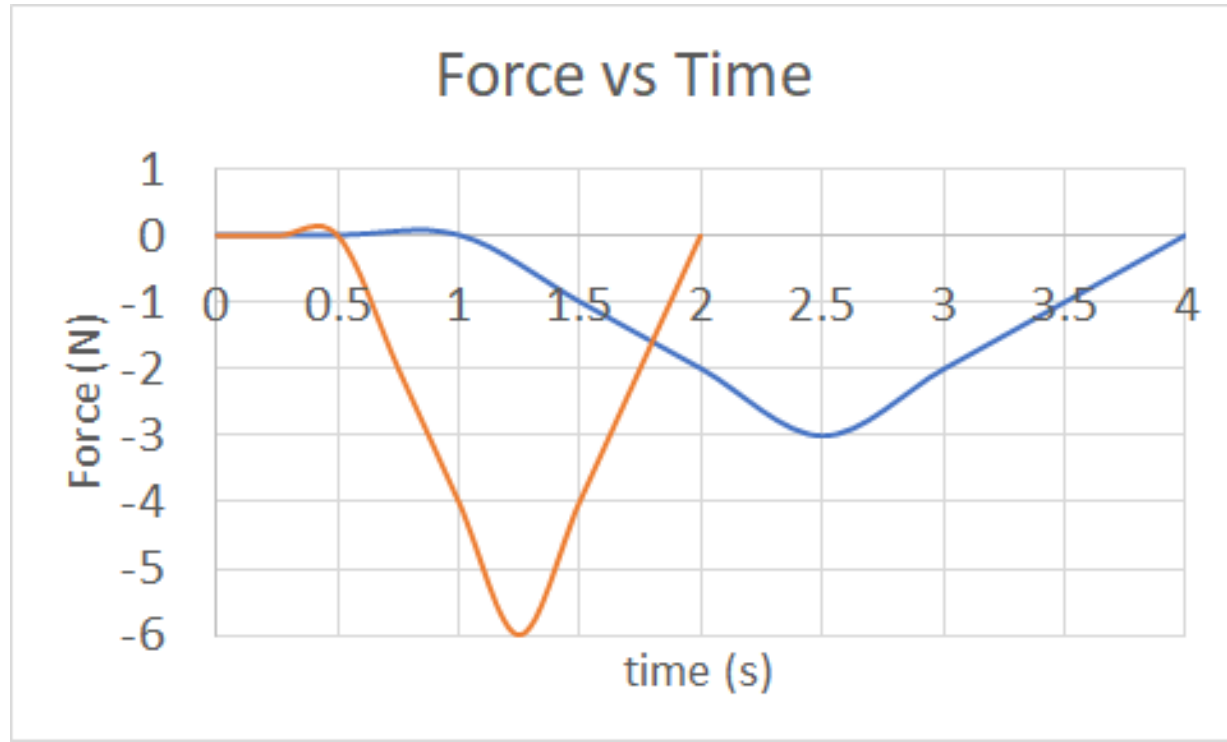
The larger the “area” in the graph shows larger impulse.



PASCO Graphs - What do they tell us?

Which graph has a larger area?

Which graph shows a greater impulse?



What is impulse?

- What is needed to change the motion of something.
- If you apply a force for some time, it will change the motion of something.
- More force means more impulse, more time means more impulse.

How do you think what we observed with our Gwens would relate to the forces, times and amount of damage of collisions of cars?