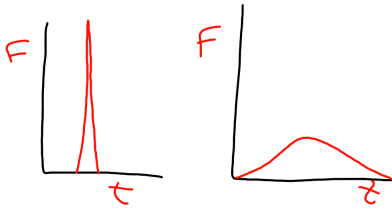


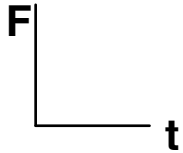
Wk 29 Impulse & Collisions

Force and Time

name: _____



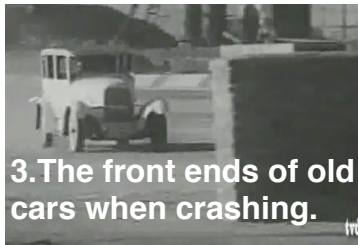
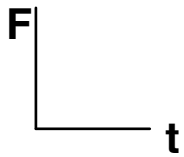
In each situation, sketch which Force vs Time graph it would have.



1. I bend my knees when I jump down off of a chair.



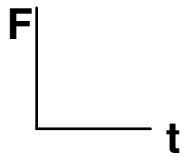
2. I caught a fast ball without a glove.



3. The front ends of old cars when crashing.



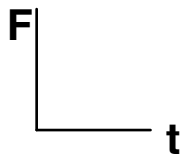
4. The front ends of new cars when crashing.



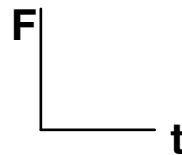
5. An experienced stunt person takes a fall.



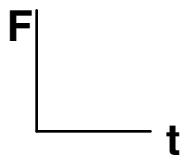
6. Someone faints and falls down.



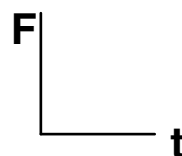
7. An egg thrown into a sheet.



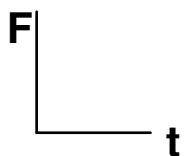
8. An egg thrown into a wall.



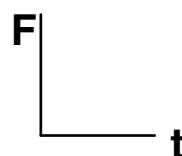
9. Crash in a newer car with seatbelt and air bag.



10. Crash in an older car with only a lap belt.

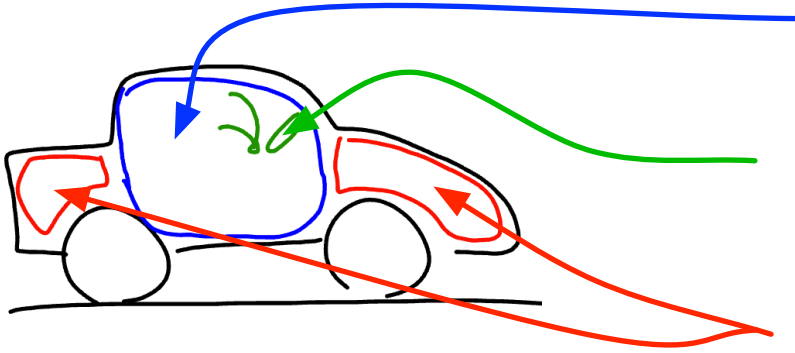


11. Fall down onto a hard floor.



12. Fall down into a big poofy pad.

Car Safety Systems: Label what each part is and what it does.



List three dangers of driving older cars.

1.

2.

3.

Smart Cars

In what way is a Smart Car safe?

In what way is a Smart Car not safe?