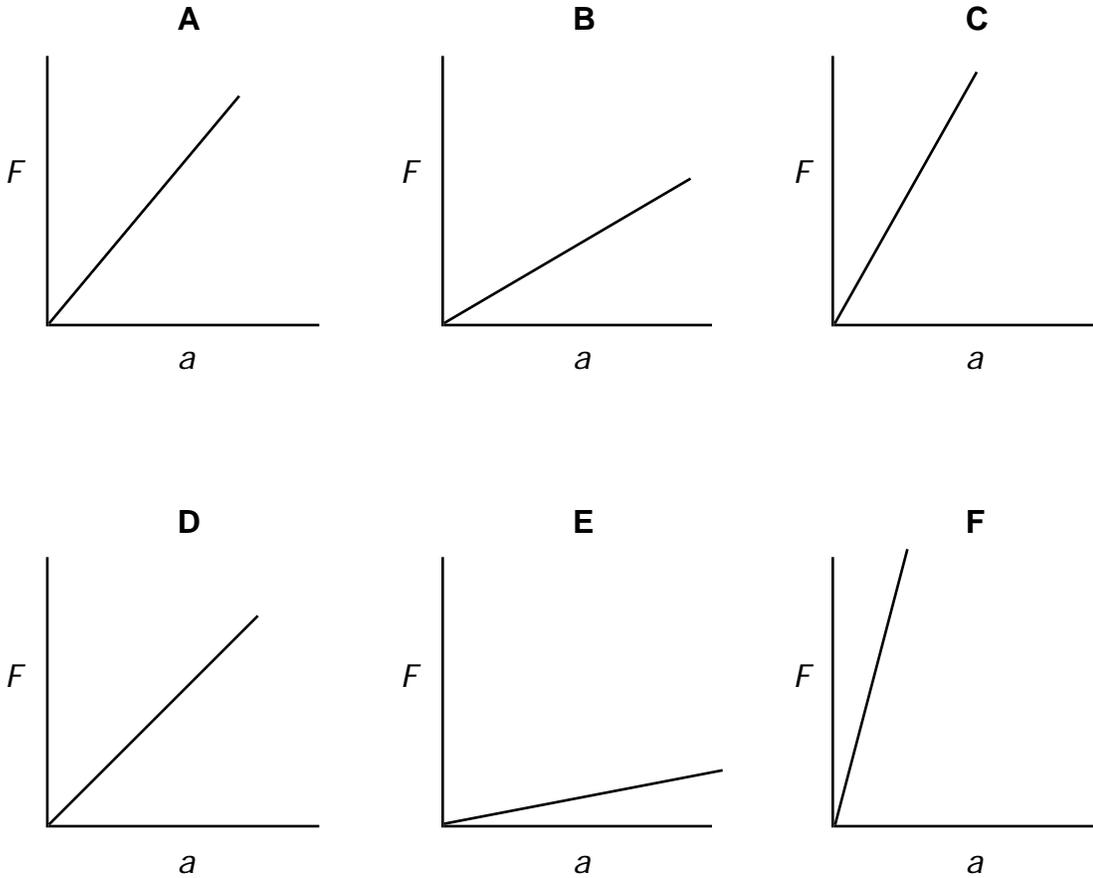


Force Acceleration Graphs—Mass ²⁴

The following graphs plot force vs. acceleration for several objects. Rank each situation according to mass. That is, order the situations from the largest to the smallest mass that the force is acting upon. All graphs have the same scale for each respective axis.



Largest 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ Smallest

Or, all the masses are the same. _____

Please carefully explain your reasoning.

How sure were you of your ranking? (circle one)

Basically Guessed

Sure

Very Sure

1 2 3 4 5 6 7 8 9 10

²⁴ D. Schramme, C. Fang, B. Speers