*1. Look at each phrase below. Write the letter of each phrase in the correct box.*

A. change an object’s motion B. push or pull

C. do not change an object’s motion D. have direction

E. net force = 0 F. net force NOT = 0

|  |  |  |
| --- | --- | --- |
| Unbalanced Forces | Balanced AND Unbalanced Forces | Balanced Forces |
|  |  |  |

2. Explain Newton’s first law in a way that a young student (1st or 2nd grade) could understand. Use examples/pictures to show students how this law works.

Draw pictures of the following words to show understanding. Use labels where needed.

|  |  |  |
| --- | --- | --- |
| inertia | mass | force |
| unbalanced forces | balanced forces | net force |