

II. Identification: Write the letter of the correct answer. Answers may be used more than once.

- A. Force is equal to the mass of an object and its acceleration.
- B. When one object exerts a force on another object, the second object reacts by exerting an equal force back on the first object.
- C. An object at rest tends to stay at rest, and an object in motion tends to stay in motion with the same direction and speed.

C 10. First Law of Motion

A 11. Second Law of Motion

B 12. Third Law of Motion

A 13. Ruth likes to play softball and go bowling. She uses less force to throw a softball than she uses when she rolls a bowling ball.

C 14. Dad slammed on the brakes when a ball bounced out in front of our car. My sister's doll that had been on the back seat ended up on the floor.

III. Matching: Write the letter of the correct answer

A. inclined plane	B. lever	C. pully
D. screw	E. wedge	F. wheel and axel

F 15. doorknob

C 16. flagpole

E 17. knife blade

A 18. ramp

D 19. jar lid

B 20. broom