Exercises on Lesson 4

1 Choose the correct answer :

1. Mona throws her ball up in the air so, gravity will make her ball .....
   a. move forward.
   b. move upward.
   c. move downward.
   d. stop in the air.
2. Tamer pushes a ball on a flat ground and it covers a distance of 30 cm. If he pushes it with more force, it may cover a distance equal to ..... cm.
   a. 5
   b. 15
   c. 30
   d. 50
3. The force that occurs when an object rubs against another object is called .....
   a. friction.
   b. gravity.
   c. push.
   d. pull.
4. Which sentence represents the best example of gravity ? .....
   a. A car hits a tree, and its motion stops.
   b. A wind blows, and a sailboat moves.
   c. A book is pushed, and it moves across a table.
   d. A person drops ball, and it falls to the ground.
5. If your father and your young brother take turns pushing you on the swing, the hand pushing force of your father will be .....
   a. less than that of your brother.
   b. the same as that of your brother.
   c. more than that of your brother.
   d. weaker than that of your brother.
6. When we throw a ball into the air, it falls downward. During its falling it is affected by two forces which are .....
   a. friction of air and push.
   b. push and pull.
   c. push and gravity.
   d. friction of air and gravity.

2 Put (✓) or (✗) :

1. The motion of an object is affected by a friction force. ( )
2. Gravity pulls objects upward. ( )
3. Hard push causes an object to travel for a longer distance. ( )
4. If the same force acts on two different objects so, the bigger object will travel for a longer distance. ( )
5. A football rolls on the ground to a distance then it stops. The force which stops the ball is the gravitational force. ( )

LIVEWORKSHEETS