

Electrical Charge

Bell work – Student Edition

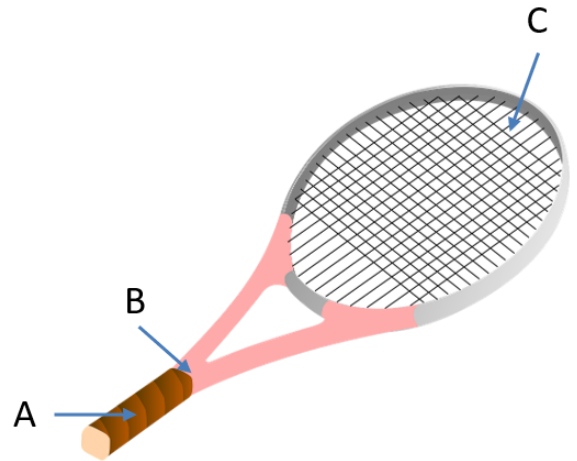
MULTIPLE CHOICE. Select the best answer.

1. Which of the following simple machines is found in a faucet?

- a) Screw
- b) Pulley
- c) Lever
- d) Wheel and axle

2. A tennis racquet is an example of a lever. Which of the following options correctly labels the load, effort, and pivot?

- a) A = pivot, B = effort and C = load
- b) A = load, B = pivot and C = effort
- c) A = effort, B = load and C = pivot
- d) None of these



3. Which simple machine is found in a pair of pliers?

- a) Wheel and axle
- b) Inclined plane
- c) Lever
- d) Wedge

4. How does a single pulley affect the forces involved?

- a) By changing direction of the force
- b) By speeding the object up
- c) By magnifying the force
- d) All of these.

5. Which of the following examples is not a wedge?

- a) Knife
- b) Spoon
- c) Axe
- d) Hacksaw