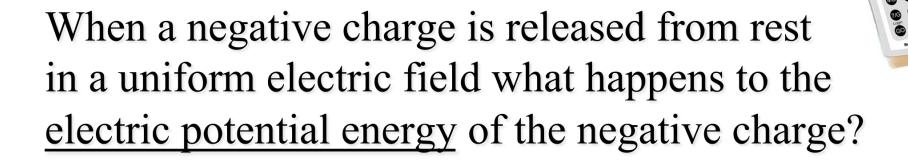




- 1. It will increase because the charge will move in the direction of the electric field.
- 2. It will decrease because the charge will move in the direction opposite to the electric field.
- 3. It will decrease because the charge will move in the direction of the electric field.
- 4. It will remain constant because the electric field is uniform.
- 5. It will remain constant because the charge remains at rest.

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- 1. It will increase because the charge will move in the direction of the electric field.
- 2. It will decrease because the charge will move in the direction opposite to the electric field.
- 3. It will decrease because the charge will move in the direction of the electric field.
- 4. It will remain constant because the electric field is uniform.
- 5. It will remain constant because the charge remains at rest.

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When a positive test charge is released from rest near a positive charge what happens to the electric potential energy of the test charge?

- 1. It will increase because the charge will move in the direction of the electric field.
- 2. It will decrease because the charge will move in the direction opposite to the electric field.
- 3. It will decrease because the charge will move in the direction of the electric field.
- 4. It will remain constant because the electric field is uniform.
- 5. It will remain constant because the charge remains at rest.

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When a negative test charge is released from rest near a positive charge what happens to the electric potential energy of the test charge?

- 1. It will increase because the charge will move in the direction of the electric field.
- 2. It will decrease because the charge will move in the direction opposite to the electric field.
- 3. It will decrease because the charge will move in the direction of the electric field.
- 4. It will remain constant because the electric field is uniform.
- 5. It will remain constant because the charge remains at rest.

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