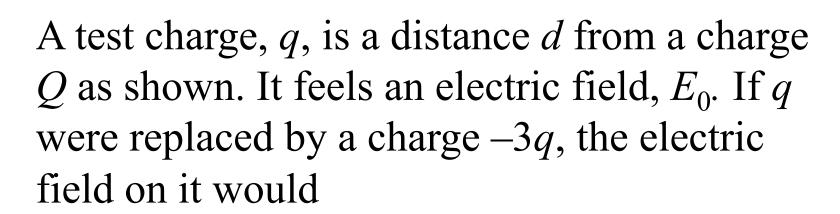
## The electric field at a particular point in space



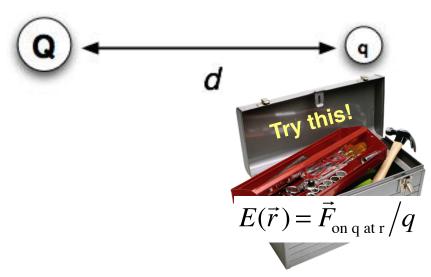
- 1. Depends only on the magnitude of the test charge used to measure it.
- 2. Depends only on the sign of the test charge used to measure it.
- 3. Depends on both the sign and magnitude of the test charge used to measure it.
- 4. Does not depend on the test charge used to measure it.
- 5. None of the above.

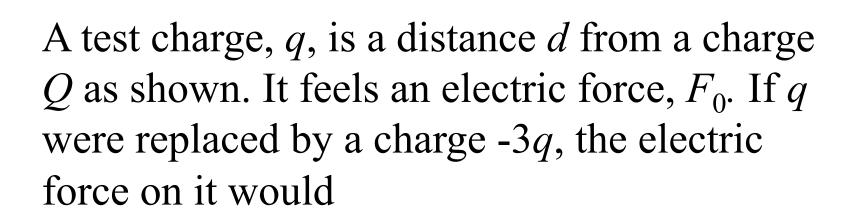






- 1. Change to  $-3E_0$
- 2. Change to  $-E_0/3$
- 3. Not change
- 4. Change to  $3E_0$
- 5. Change to  $E_0/3$
- 6. Something else







- 1. Change to  $-3F_0$
- 2. Change to  $-F_0/3$
- 3. Not change
- 4. Change to  $3F_0$
- 5. Change to  $F_0/3$
- 6. Something else

