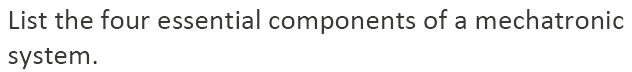
## Questions

### Q1



### Q2



### Q3



### Q4



## Solutions

### Q1S

CMEC: computing, mechanical, electronic and control

### Q2S

MCTERM: mechanical, chemical, thermal, electrical, radiant and magnetic

### Q3S

two way communication; multi-sensing; computation to perform data compression, linearization

### Q4S

when a conductive object is in the proximity of the inductive proximity sensor, it induces an eddy current in the coil, which *decreases* the overall inductance.