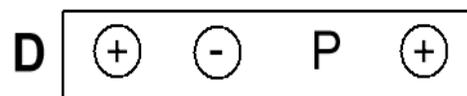
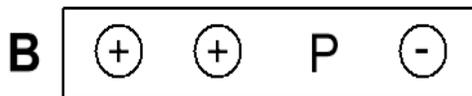
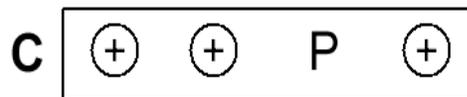
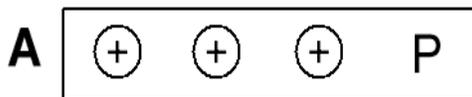


In the figure below are shown four one-dimensional arrangements of charge. Each of the charges has the same magnitude, but some are positive and some are negative. In each diagram a point is labeled "P". All distances are to the same scale.



In which of the diagrams would the magnitude of the force felt by a positive test charge placed at P be the largest?

1. A
2. B
3. C
4. D
5. A and B
6. A and C
7. B and D
8. All are equal
9. can't tell