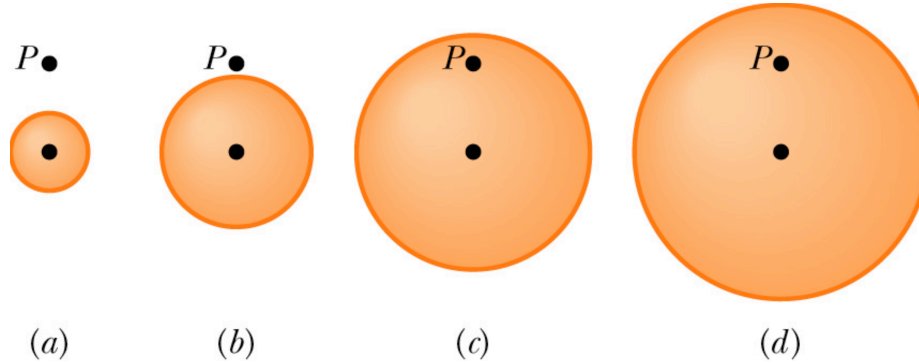


Activity 5, January 28, 2009

The figure shows four solid spheres, each with charge Q uniformly distributed through its volume.



Rank the spheres according to the magnitude of the electric field they produce at the point P:

- (i) all tie
- (ii) $(a) = (b) > (c) = (d)$
- (iii) $(a) = (b) > (c) > (d)$
- (iv) $(a) > (b) > (c) > (d)$
- (v) $(d) > (c) > (b) > (a)$