

1 Making Clear Justifications

None Consider the equipotential curves in the plane of two equal charges. Explain in a sentence or two **why** each of the statements below is true.

- Very close to either one of the charges, the equipotential curves are approximately circular.
- Very close to either one of the charges, the equipotential curves get closer together as you get closer to the charge.
- Very far from both charges, the equipotential curves are approximately circular.
- In the intermediate region where there are still distinct equipotential curves around each charge, the equipotential curves are closer together on the side *away* from the other charge.