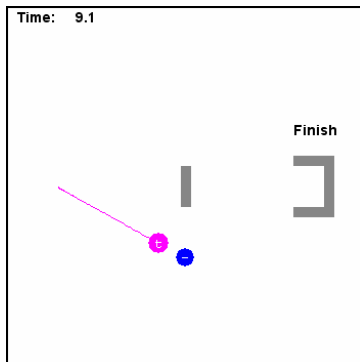


## Worksheet for Exploration 22.6: Run Coulomb's Gauntlet



A positive test charge is shown in the animation. You can add positive and/or negative charges. All charges are added to the middle of the animation so you must drag each newly added charge to a new location. When you push play, the test charge will move under the influence of the forces from the other charges.

Move the charges so that the test charge can make it from its starting place to the finish line without hitting a wall.

a. Describe your technique.

b. What is it about the Coulomb force that makes this so difficult? Explain.

i. Conversely you may want to consider what features a force could have that would make this easier.