

- f. In the animation, the electric field produced by the plates is 6000 N/C and the magnetic field is 0.3 T. Use your mathematical relationship to find the velocity the particles have in order to pass straight through the two fields. Once you have calculated your answer, put it in the box and press *play* to see if you were correct.

$$V_{\text{prediction}} = \underline{\hspace{2cm}}$$

$$V_{\text{measured}} = \underline{\hspace{2cm}}$$