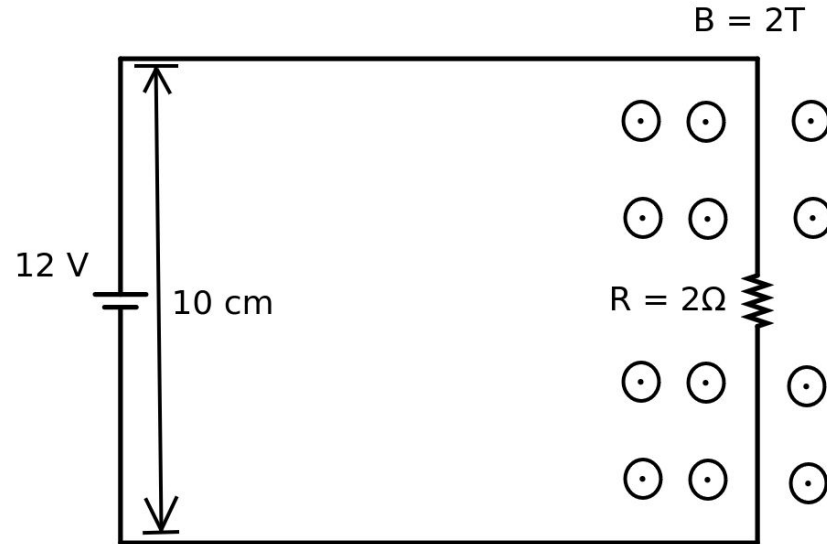


# Magnetic Force on a Current-Carrying Conductor Problem

1. Calculate the magnetic force on the right segment if the circuit below.



## Torque on a Current Loop Problem

2. Find the maximum torque on a 100-turn square loop of wire of 10 cm on a side that carries 15 A of current in a 2 T field.