## **Magnetic Field Application (13)**



Two straight electric currents  $I_1$  and  $I_2$  of infinite length directed perpendicular to the xy-plane generate a magnetic field of magnitude  $B=6.4\times 10^{-7} {\rm T}$  in the direction shown.

• Find the magnitude and direction  $(\odot, \otimes)$  of each current.

