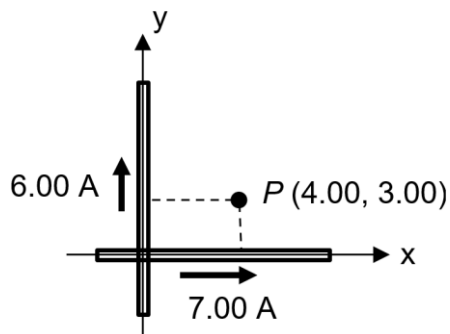


- 23 A wire carries a 7.00 A current along the x-axis and another wire carries a 6.00 A current along the y-axis, as shown below.



Which of the following shows the magnetic flux density at point *P*, located at  $x = 4.00$  m,  $y = 3.00$  m?

	Magnetic flux density / T	Direction
<b>A</b>	$1.67 \times 10^{-7}$	out of page
<b>B</b>	$1.67 \times 10^{-7}$	into page
<b>C</b>	$7.67 \times 10^{-7}$	out of page
<b>D</b>	$7.67 \times 10^{-7}$	into page