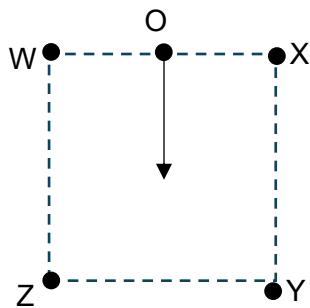


- 23** Four parallel current carrying conductors are placed vertically at the corners of a square WXYZ. The magnitudes of the current at W and X are I while the magnitudes of the current at Y and Z are $2I$.



O is the mid-point between W and X.

If there is to be a resultant magnetic flux density produced at O in the direction shown, which option gives the largest magnetic flux density?

	current into the plane	current out of the plane
A	W and Z	X and Y
B	X and Z	W and Y
C	W and Y	X and Z
D	X and Y	W and Z