18 Two coherent sources that are in phase with each other emit waves of wavelength 5.0 m. At a point 135.0 m from one source and 147.5 m from the other, the intensities due to the two sources individually are, respectively, I and $4I$.

What is the resultant intensity at that point?

A I **B** $3I$ **C** $5I$ **D** $9I$