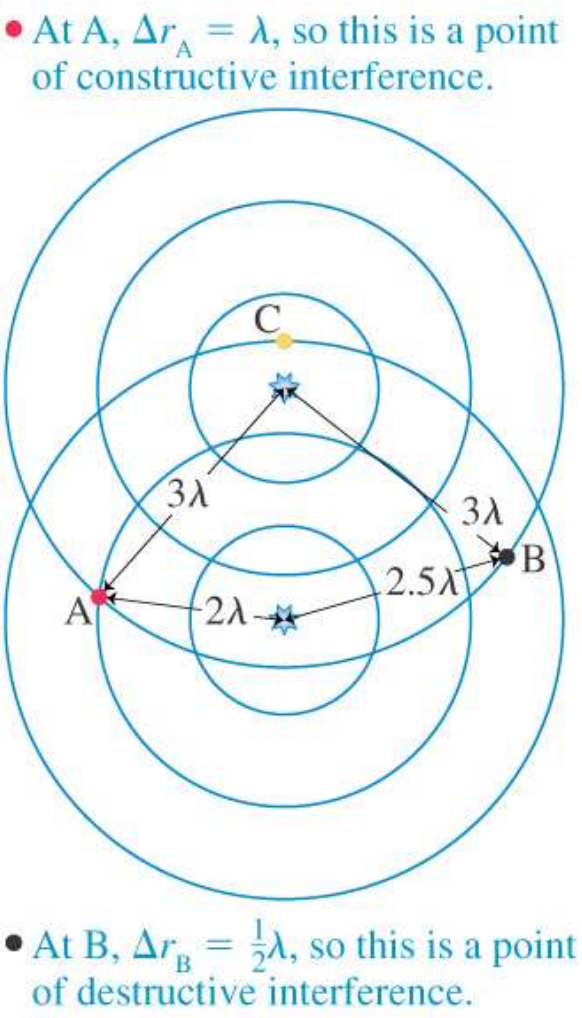
The interference at point C in the figure at the right is

1. maximum constructive.
2. destructive, but not perfect.
3. constructive, but less than maximum.
4. there is no interference at point C.
5. perfect destructive.



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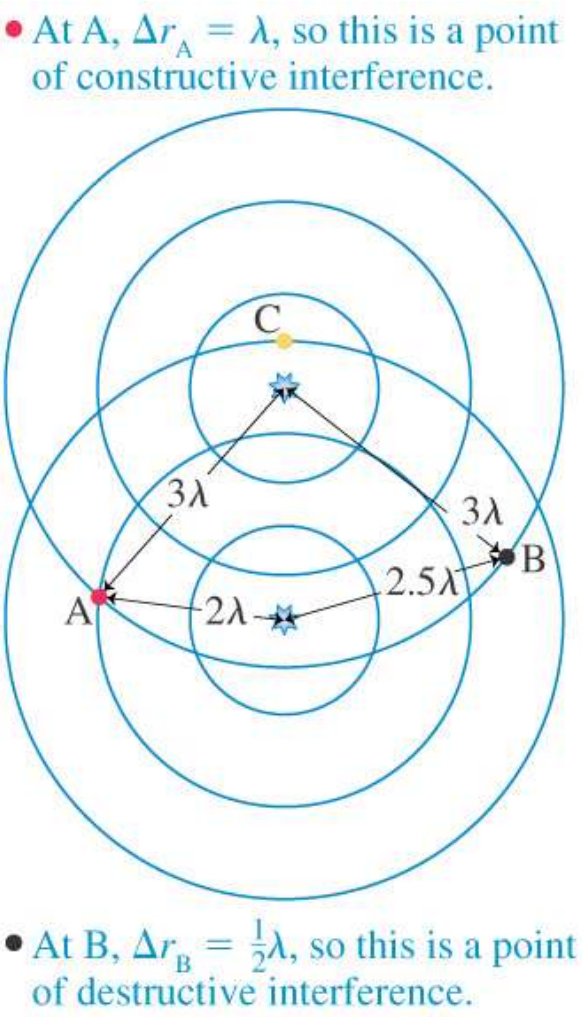

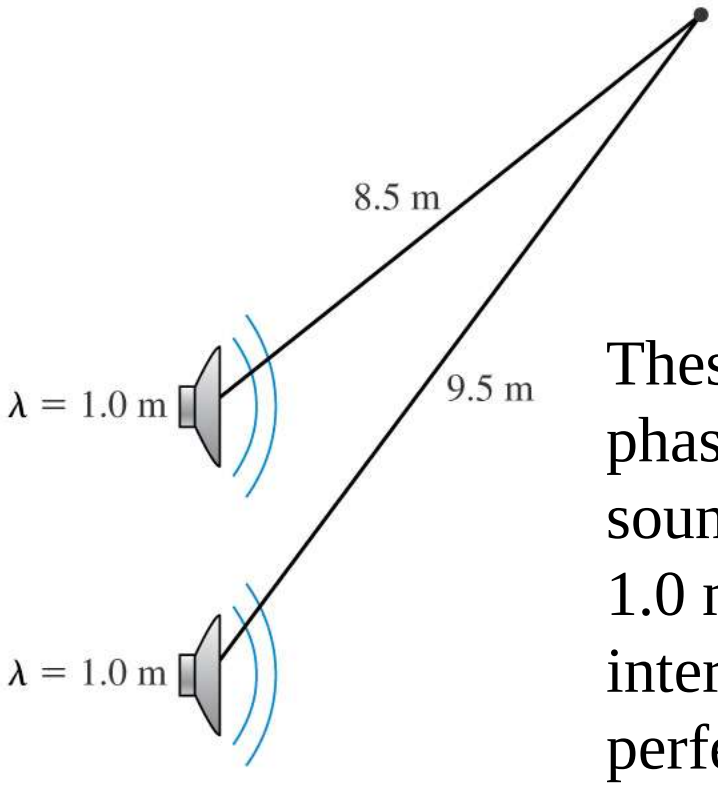

These two loudspeakers are in phase. They emit equal-amplitude sound waves with a wavelength of 1.0 m. At the point indicated, is the interference maximum constructive, perfect destructive or something in between?

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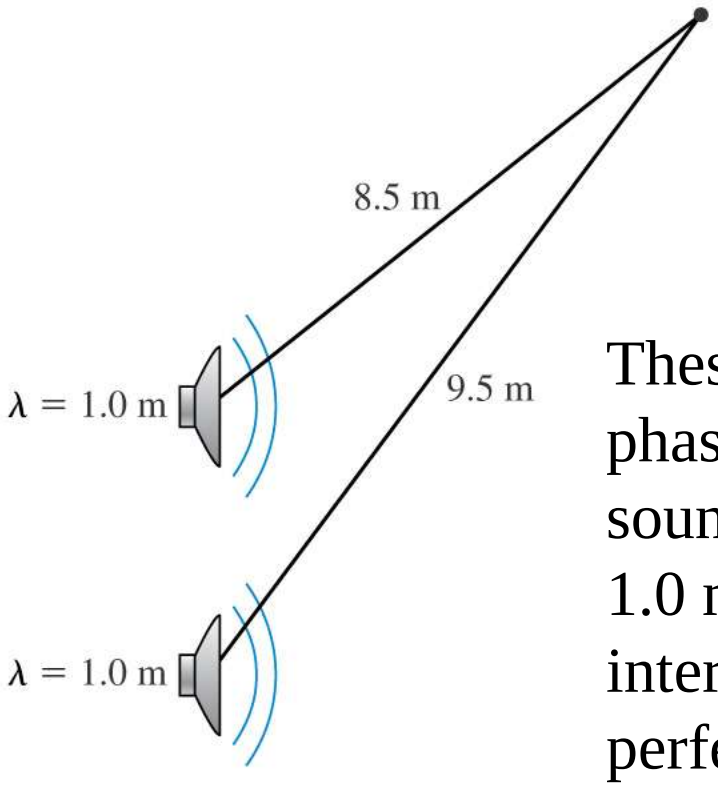
2. perfect destructive
3. something in between



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