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PHY250 HW5 Exercise 3:

- 1) The option where k uses the radial direction in circular coordinates is the correct one as it makes the wave go in all directions (in a circular way) starting from a source, imitating the way a rock makes waves when falling in water.
- 2) The interference becomes more common but smaller and also the central interference (that kind of ellipse) becomes bigger.
- 3) The interference stops being symmetric as one of the waves becomes more frequent than the other.