

Maths Circle Explorations: Session 2

November 12, 2021

1. Belliappa and Gayatri left at dawn, one traveling from Hesaraghatta to Magadi, and the other from Magadi to Hesaraghatta. They were heading towards one another, each walking at a steady constant pace (along the same road). They met at noon, but did not stop, and each of them kept walking at the same speed as before. Gayatri arrived at Hesaraghatta at 4:00 pm, and Belliappa arrived at Magadi at 9:00 pm. At what time was dawn on that day?