

Chapter 7 intro:

1. Little Suzie runs around a circular track that has a radius of 12 m in 25 seconds.

a) What is her velocity?

b) What is her acceleration?

c) What is her frequency?

d) What is the size of the centripetal force causing this event if she has a mass of 50. Kg

2. Little Freddy gets really upset and runs in a 1.0 m radius circle going around twice in 1.0 s until he gets sick?

a) What is his frequency? ...His period?

b) What is his velocity?

c) What is his acceleration?