## **Explorer Manual Solutions**

For Mathomat activity 10.3

## All about Pi

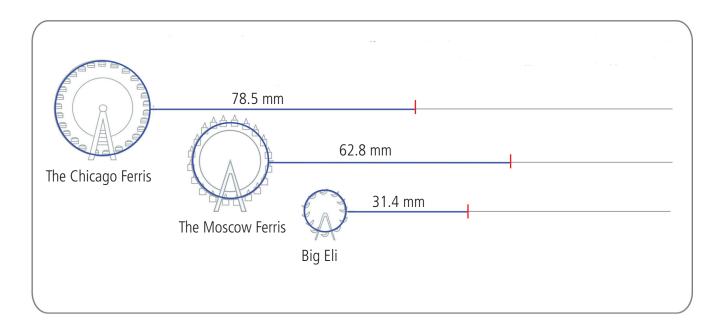
(pages 54-55 Explorer manual)

Unwrapping the Circle: the famous wheels are based approximately on the Mathomat V7 circles:

**Shape 26** (25mm circle): The Chicago Ferris

**Shape 12** (20mm circle) : The Moscow Ferris

**Shape 9**: (10 mm circle) Big Eli



at an approximate scale of 1:3000 the circumferences are:

The Chicago Ferris: 246 metres

The Moscow Ferris: 198 metres

Big Eli: 99 metres

