

- We draw a curve by attaching a pen to the circumference of a circle (say of radius one) and rolling it around the circumference of another (fixed) circle of equal radius.
 - (a) Parameterize the resulting curve.
 - (b) Determine the total length of the curve.
- From Section 12.1: 66, 76
- From Section 14.1: 12.
- From Section 14.2: 30, 56, 63
- From Section 14.3: 18, 35, 39, 40.
- From Section 14.4: 4, 8, 22.