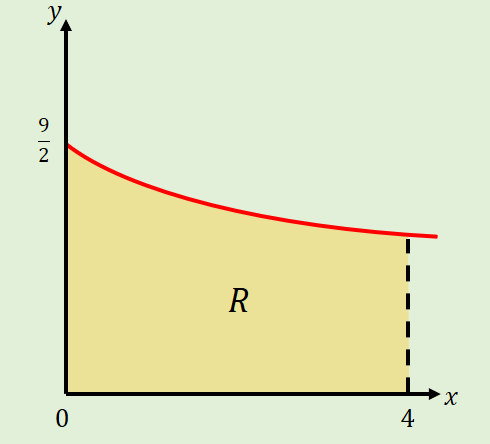
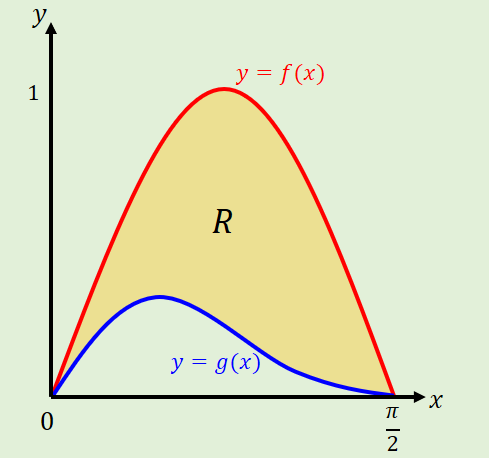
**11H Part 1 Integrating to Find Areas**



1. The diagram shows part of the curve:

The region is bounded by the curve, the x-axis, and the lines and , and shown. Use integration to find the area of .



1. The diagram shows part of the curves and , where:

The region is bounded by the two curves. Use integration to find the area of .