

Study guide for quiz 08

Quiz problems include both the lecture contents and homework problems.

1. Section 6.3: Study the formula of arclength for curves of the form $y = f(x)$ and $x = g(y)$.
2. Section 6.4: Study the formula of area of surfaces of revolution around the a - axis with the generating curves of the form $r = f(a)$ and $a = g(r)$.
3. Skip the exponential change part. Study the meaning of 'separable differential equations' and the procedure of solving them.