**Finding Areas**

Given a function,, and an interval from a to b, we need to evaluate**.**

**Step 1:**  Find values for **.**

, 

**Step 2:** Find .

**Step 3:** Substitute into limit expression and evaluate.

**Example**: Given . Find the area under the curve from a=2 to b=5.

**Step 1:**  Find values for **.**

, 

**Step 2:** .

**Step 3:** Substitute into limit expression and evaluate.

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