

LT 3D Quiz

Name _____ PER _____ DATE _____

For each problem below, show your work and box your answer! Check your units, too!

Given $f(x) = \frac{4}{x+1}$, approximate $A(f(x), 0 \leq x \leq 3)$ using 6 right endpoint rectangles.

1.

Given $g(x) = \sqrt{x-2}$, approximate $A(g, 5 \leq x \leq 7)$ using ten left endpoint rectangles.

2.