

MATH 102 REVIEW # 2

1. SOLVE $|3x + 5| = 2x - 1$
FOR x

2. IF $f(x) = \frac{1}{x+1}$, SIMPLIFY $\frac{f(a+b) - f(a)}{b}$

3. FIND THE DOMAIN OF

$$f(x) = \frac{x}{\sqrt{5x+2}}$$