

Algebra 2

Weos 10-24-2

CLASS NOTES

$$(16) \quad g(x) = \frac{1}{3}x + \frac{13}{3} = y$$

$$g^{-1}(x) = ?$$

$$3\left(\frac{1}{3}y + \frac{13}{3}\right) = x \cdot 3$$

$$y + 13 = 3x$$

-13 -13

$$y = 3x - 13$$

$$(11) \quad f(n) = -\frac{1}{n-2} - 2 = m$$

Use m for the dependent variable

$$f^{-1}(n) = ? \text{ swap } m, n$$

$$f^{-1}(n) = -\frac{1}{m-2} - 2 = n$$

$$\frac{(m-2) - \frac{1}{n+2}}{n+2} = \frac{(n+2)(m-2)}{n+2}$$

$$\frac{-1}{n+2} = m-2$$

$$\frac{-1}{n+2} + 2 = m$$