

## Quiz 8B: Inverse functions, exponents

FALL 2017

NAME:

1. (10 points) Find the inverse of the function.

$$f(x) = \frac{4x - 3}{2 - x}$$

You may assume that this function is one-to-one without testing it.

2. (10 points) Sketch a picture of the function

$$y = 3 \cdot 2^{x+1}$$

by using transformations. Show the coordinates of two or three important points on your graph.

