

Quiz 8A: Inverse functions, exponents

FALL 2017

NAME:

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

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

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

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

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

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

