

Math 1190 Homework #7

We will talk about this problem on Monday, October 19th.

Problems 1 and 2: See Quiz #7.

Problem 3: Suppose

$$x = -2 + \frac{1}{4 + \frac{1}{2 + \frac{1}{3 + \frac{1}{2 + \frac{1}{3 + \frac{1}{2 + \dots}}}}}}.$$

Express the number x in the form $\frac{a+b\sqrt{c}}{d}$ where a, b, c, d are integers.