Attendance for Dr. Z.'s MathHistory for Lecture 9 (due no later than 10 minutes after class)

NAME: (print!) Quin Boob

Email to DrZlinear@gmail.com right after class

Subject: p9

with an attachment p9FirstLast.pdf

Part I: List all the "attendance questions" during the lecture, followed by your answers.

Part II:

1. Find the exact value of the **infinite** continued-fraction

$$3+1/(3+1/(3+1/(3+1/\ldots))) \quad .$$

$X = 3 + \cfrac{1}{3 + \cfrac{1}{3+\ldots}} = 3 + \frac{1}{x}$

$\left(X = 3 + \frac{1}{x}\right) x$

$X^2 = 3x + 1$

$x^2 - 3x - 1 = 0$

$X = \frac{3 \pm \sqrt{9+4}}{2} = \frac{3 \pm \sqrt{13}}{2}$ but $\frac{3-\sqrt{13}}{2}$ is negative and makes no sense

$X = \frac{3+\sqrt{13}}{2}$

Quin Bvob

AQ: What year did Ramanujen go to england?
1914

AQ 2: In the grop photo, one of the members in the photo was the spase of an atendee, who was it?

AQ: What is the Erdos-Bacon number of Dr. Z
Erdos # = 2
Bacon number = ?