

Homework 2

1.

Test for $|s_1| < 1$

- Should fail?

Test $s_1 = \langle 2, 6, 14, 18 \rangle$

- $S_2 = \langle 4, 10, 16 \rangle$

Test $s_1 = \langle 4, 6, 8 \rangle$

- $S_2 = \langle 5, 7 \rangle$

Test $s_1 = \langle 8, 12 \rangle$

- $S_2 = \langle 10 \rangle$

Test $s_1 = \langle 69 \rangle$

- $S_2 = \langle 69 \rangle$