

Assignment 1 (for Lecture 1) Solutions

April 7, 2017

A1. The man saw the woman with his telescope. The man saw the woman holding the telescope.

A2.

- (a) Sisters reunited at a checkout line in Safeway after ten years apart.
- (b) Large hole appears in High Street. City authorities are looking into the cause of it.
- (c) Mayor says bus passengers should wear seat belts.

A3.

ALL HEAD INJURIES SHOULD NOT BE IGNORED

A4. Don't use the elevator otherwise there might be a fire. If there is a fire, don't use the elevator.

A5. If the sentence were true, then the page would've been truly blank, yet it is not. The purpose of making such a statement is to indicate that the lack of content on the page is not due to some printing error. A more true sentence would read:

This page intentionally lacks content.

A6. "GOP Lawmakers Grill IRS Chief Over Lost Emails."¹ "Girl Hit By Car In Hospital."² "Robber Jailed For Shooting Dead Witness."³

A7. The temperature is "hot today"? "Hot today" is not a number.

A8. Take for example $n = 6$. Then $N = (p_1 \cdot p_2 \cdot p_3 \cdot p_4 \cdot p_5 \cdot p_6) + 1 = (2 \times 3 \times 5 \times 7 \times 11 \times 13) + 1 = 30031 = 59 \times 509$ is *not* prime.

JUST FOR FUN

¹The Wall Street Journal

²Edinburgh Evening News

³Daily Telegraph

- A1. And And and And And. (*And And* is a name)
- A2. And Or and Or And. (*And Or* and *Or And* are names)