

HW #3

Kerry Ojakian's CSI 30 Class

Due Date: Tuesday November 25 (beginning of class)

General Instructions:

- Homework must be stapled, be relatively neat, and have your name on it.
- Use tutors, work with other students, but ... don't copy!

The Assignment

1. Write conditional statement that depends on the value of variable x . If x is positive, then x is set to 1, while if x is negative x is set to -1 .
Side question: What does your statement do if x is zero?

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2. Section 4.1: 6, 13abfgh, 15, 18ace, 34, 43
 3. Section 4.2: 1a, 2a, 4ab
 4. Section 4.2: 7ab (also convert the HEX to Decimal)
 5. Section 4.2: 21ab, 24ab (just do the sums in all cases, not the products)
 6. Section 4.3: 2 (just try factors up to the square root)
 7. Section 4.3: 3ab, 17ab, 24abc, 26abc
 8. Section 4.3: 32a, 33a (use any method to find)
 9. Section 4.4:
3 (means multiplicative inverse). Also find the additive inverse.
9 (use question 3)
 10. Section 4.6: 2ac, 5, 8, 10