

CIS 350 – INFRASTRUCTURE TECHNOLOGIES HOMEWORK # 5

NAME(S): _____

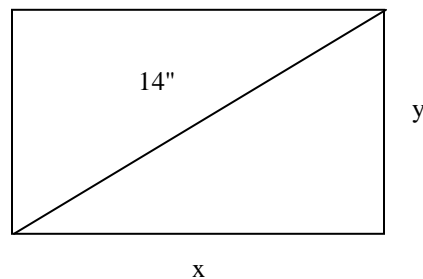
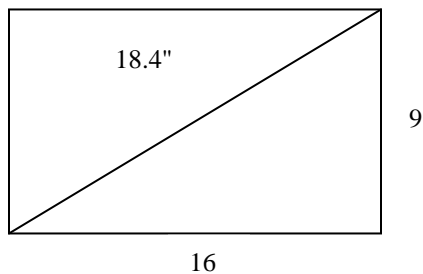
(You may do this homework in groups of 2 students maximum.)

Topics: Input/Output (Chapter 9), Computer Peripherals (Chapter 10), and Modern Computer Systems (Chapter 11)

Work the following Exercises. Attach additional pages for your answers. Your answers to essay questions should be brief and capture the essence. Attempt to answer all questions as I will pick out at random only 3 questions (1 from each chapter) and grade your answers to these questions only. As a result, your overall grade for this homework will be based on the 3 graded questions only.

1. Ex. 9.4, p. 305 (under Exercises)
2. Ex. 9.6 and 9.7 on p. 305 (under Exercises). These 2 questions are closely related. Please answer them together.)
3. Ex. 9.14, p. 306
4. Ex. 10.2, p. 339
5. Ex. 10.10, p. 340
6. Ex. 10.14, p. 340

Assume the “wide screen” – see the textbook pp. 322-323



The sides x and y could be calculated from simple proportions:

$$18.4/9 = 14/y \rightarrow y = 9 * 14 / 18.4 \quad \text{and} \quad 18.4/16 = 14/x \rightarrow x = 16 * 14 / 18.4$$

7. Ex. 11.2, p. 366 (under Exercises)
8. Ex. 11.5, p. 366 (under Exercises)
9. Ex. 11.18, p. 367