Name: _____ Date: 3/24/15
Mathematics Period 3 Ms. Wilson

Adding and Subtracting Decimals
Classwork

1.) During each of the five days in one week, a drafter worked 8.75 hours, 10.25 hours, 6.5 hours, 8 hours, and 7.25 hours. How many total hours did the drafter work that week?

2.) A file clerk's weekly paycheck had the following deductions: $8.10 for medical insurance, $53.16 for federal income tax, $12.17 for FICA, $4.10 for state income tax, and $2.35 for union dues. Compute the total amount of deductions.

3.) A CAD drafter has devoted several weeks to a structural steel project. The hours he spent on various aspects of the job were 40.05, 37.25, 146.75, 0.40, 92.45, and 112.15. Calculate the total number of hours the CAD drafter worked on this project.

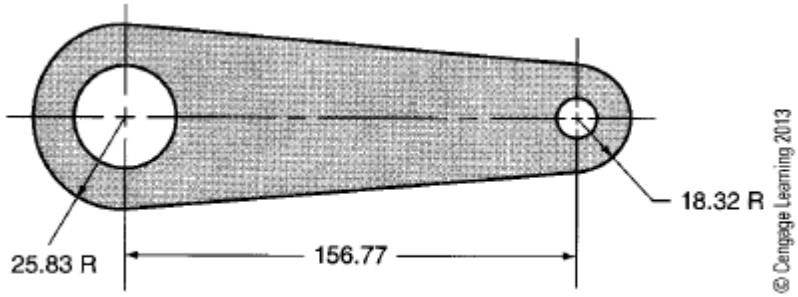
4.) A CAD drafter purchased a CAD station for sue at home. The computer and software cost a total of $5,675.00. Later he added a plotter that cost $1,997.00, a laser printer that cost $169.99, and an external hard drive that cost $149.99. What was the total cost of his equipment?

5.) A civil drafter has a $725 budget for equipment. She buys a new drafting machine that costs $406, a machine scale that costs $31.99, and an electronic calculator that costs $117.86. How much money does the drafter have left in her budget?

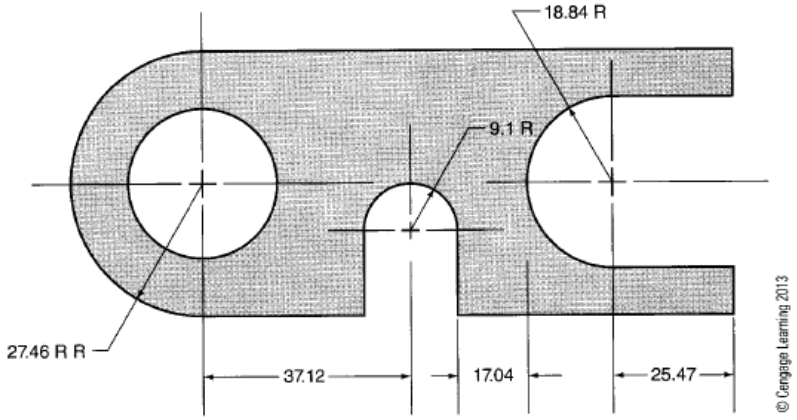
6.) Two reams of paper weight 3.87 pounds and 14.73 pounds, respectively. Calculate, in pounds, the difference between the weights.

7.) A CAD operator makes the following purchases: $1,180.00 for CAD software, $52.95 for disk management software, $99.95 for a memory upgrade kit, and $599.00 for a paint program. A $250 cash rebate was given at the time of purchase. How much did the CAD operator pay for these products?

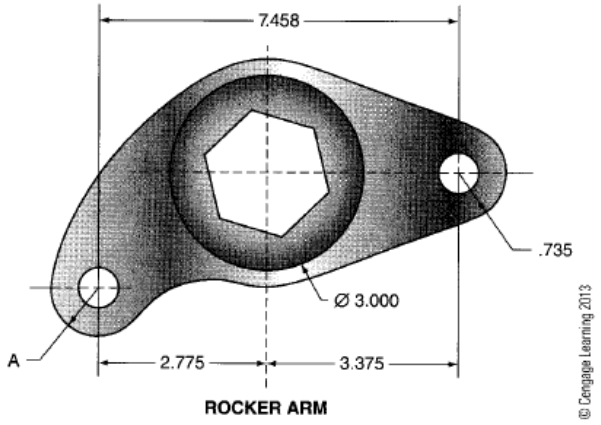
8.) What is the overall length of this link?



9.) Calculate the overall length on this CAD drawing of a sliding lever.



10.) Determine dimension A.

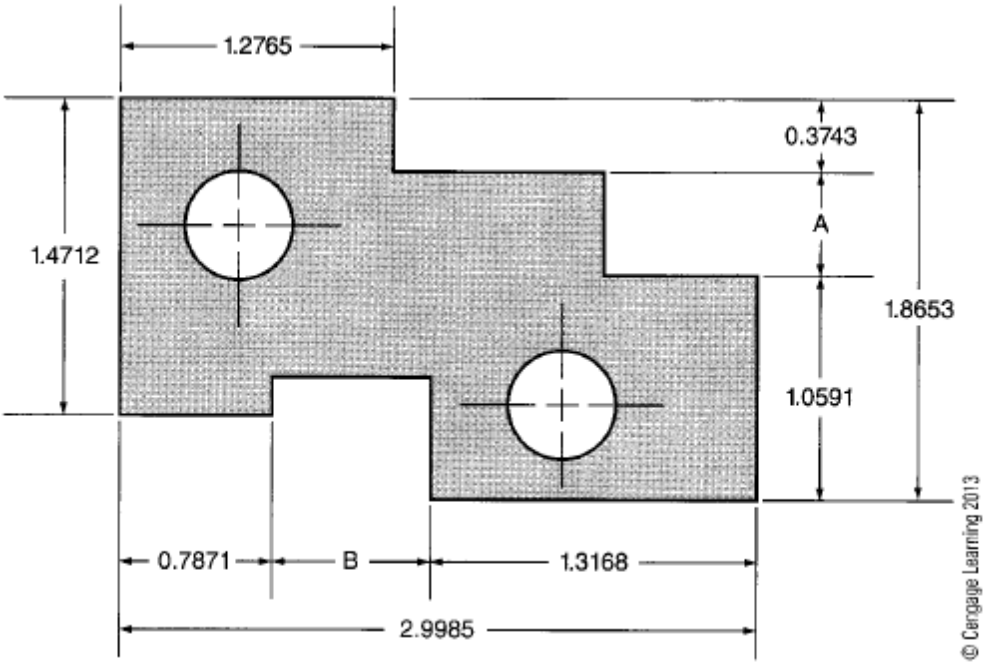


Name: _____ Date: 3/24/15

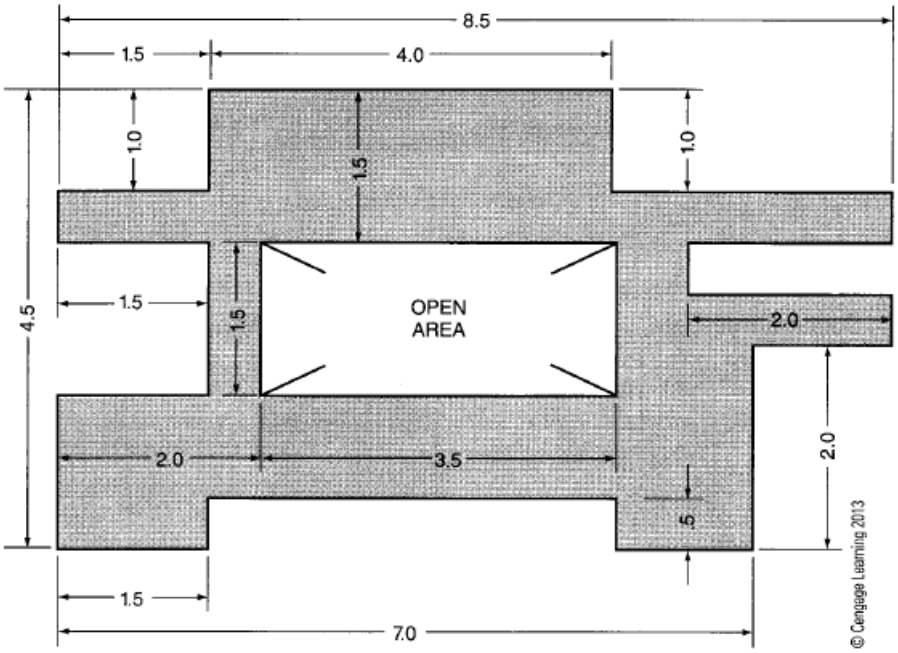
Mathematics Period 3 Ms. Wilson

Adding and Subtracting Decimals in CAD Drawings
Homework -- Due 3/25/15

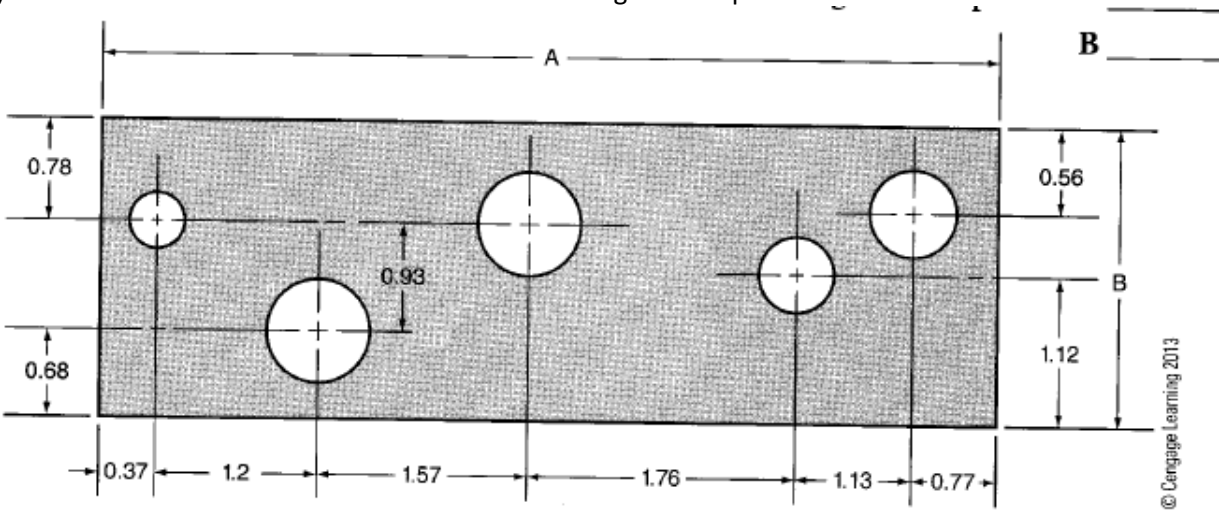
1.) Determine dimensions A and B in this CAD drawing of a shim.



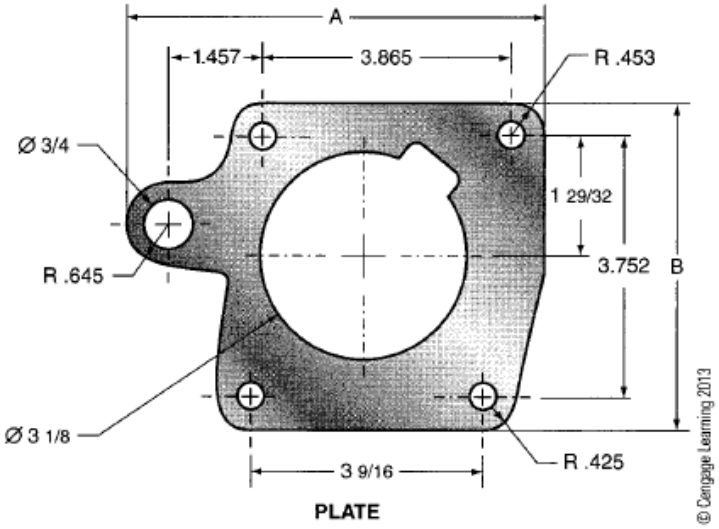
2.) Determine the outside and inside perimeters of the CAD drawing below.



3.) Determine dimensions A and B on this CAD drawing of a strap.



4.) Use the CAD drawing of the plate below to determine dimensions A and B.



5.) Calculate the perimeter of the symmetrical shim below.