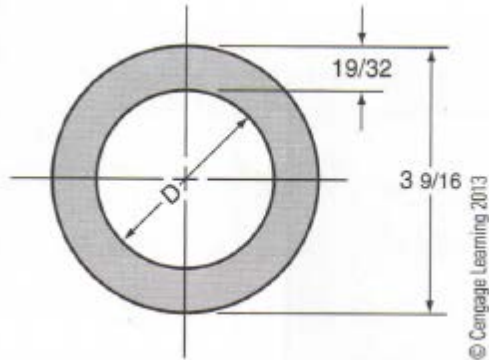


Name: _____
Mathematics Period 3

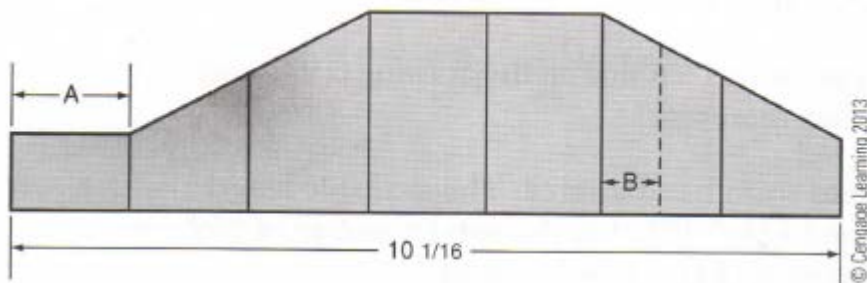
Date: 3/18/15
Ms. Wilson

Combined Arithmetic Operations with Fractions – Practice and Midterm Review

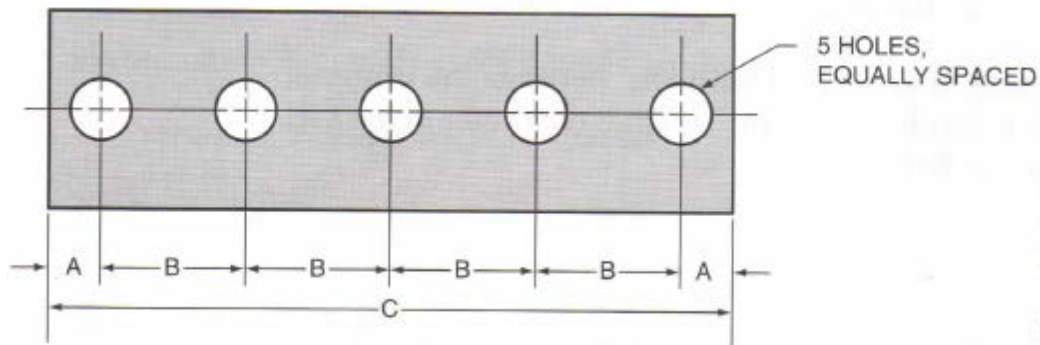
- 1.) Determine the inside diameter (dimension D) of this CAD drawing of the cross-section of pipe.



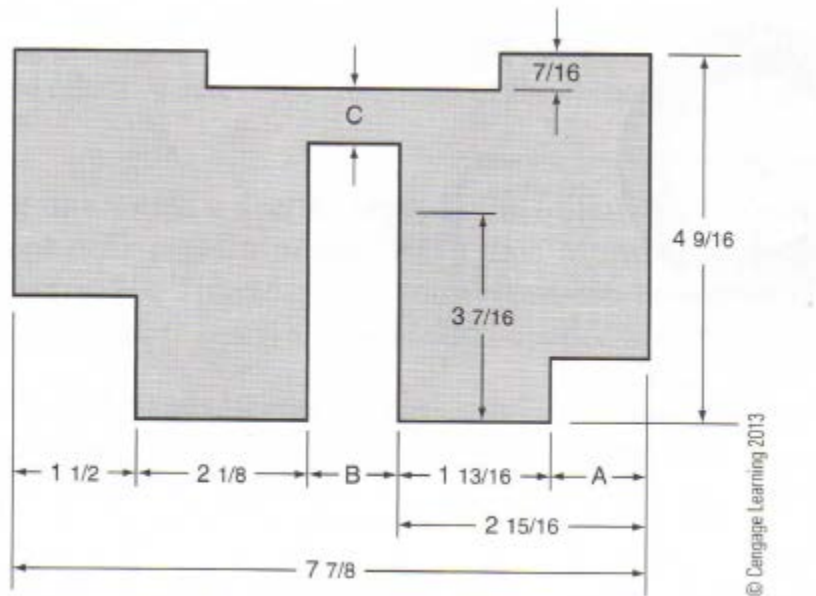
- 2.) On this stretchout, the widths of the seven sections are equal. Dimension B is one-half dimension A. Determine dimensions A and B.



- 3.) Dimension A on this drawing of a strap is $\frac{9}{16}$ " and dimension B is $1 \frac{3}{32}$ ". What is C in inches?



4.) Determine dimensions A, B, and C on this CAD drawing of a gasket.



5.) The sides of the 5-sided (pentagonal) cutout on the shim are each $7\frac{1}{4}$ ". The sides of the 8-sided (octagonal) bar stock are each $4\frac{3}{8}$ ". How many inches greater is the distance around the pentagonal figure than around the octagonal figure?

