

New Concepts

- Inverse
- Contrapositive
- Venn Diagram

Problem Set #33

“An expert is a man who has made all the mistakes, which can be made, in a very narrow field.”

- Niels Bohr

New Postulates and Theorems

Exercises:

p.210 #3,6,7,10,12,13,15-22

Problems:

33-1 Forming Quadrilaterals

On a blank sheet of paper, what is the maximum number of quadrilaterals that can be formed by drawing 8 lines? (Quadrilaterals can be of any size and may overlap)

33-2 Forming Parallelograms

On a blank sheet of paper, what is the maximum number of parallelograms that can be formed by drawing 8 lines?

33-3 Forming Trapezoids

On a blank sheet of paper, what is the maximum number of trapezoids that can be formed by drawing 8 lines?