

Activity Set 9.1

Materials

Geoboards

Scissors and tape

One copy of Material Card 26 per group (students should have)

Material Card 6 (students should have or can draw on paper)

Protractors

Instructions To students:

Do Problem #1 first:

It is an in-depth activity exploring triangles and will take quite a bit of time.

Discuss your final solution, especially “how to draw the triangles for the empty spaces in the Venn Diagram.”

Do Problem #4 second:

It is an in-depth activity exploring quadrilaterals and will take quite a bit of time.

Try to construct a Venn diagram for sorting the quadrilaterals. Where a rhombus would go (can you make one on the 3 x 3 Geoboard?)

Discuss your final solution, especially categorizing the quadrilaterals

Do all of #6, #7 and #8 third: Discuss your conjectures

Do #5 next.

Do #2 next.

Do #3 if you have time.

Homework Due on Monday, October 5:

Exercises and Activities 9.1 from the Workbook: #5 and #6.