

Applied Geometry  
Keyser High School  
Lesson Plan  
Parallelograms  
Robert Browning  
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Students will be able to:

Objectives:

1. recognize and apply the properties of a parallelogram.
2. find the probability of an event.

Procedures:

1. Five minute check on p. 291
2. Define parallelogram
3. Draw it on the board emphasizing its various parts and the terms that are used to describe it
4. Write each property on the board along with a drawing of each
5. Do each example from the text on the board.
6. Have students complete the attached lab exercise for sketchpad

IGOs:

1. G.1 represent points lines, and planes pictorially with proper identification, as well as basic concepts derived from these undefined terms, such as segments, rays, and angles.
2. G.5 apply definitions, theorems, and postulates related to such topics as complementary, supplementary, and vertical angles perpendicular and parallel line in geometric proofs, in algebraic problems, and in practical applications.

3. explore and identify properties of quadrilaterals and verify properties for parallelogram, rectangle, rhombus, square, and trapezoid.