

NAVIGATOR Activity Center Angles Formed by a Transversal Crossing Parallel Lines

This is a whole class activity to review vocabulary and properties related to parallel lines crossed by a transversal.

Load the activity settings for `ParallelLines1.act`
Start the activity. Students will move around the screen to answer teacher questions.

For a different orientation of the parallel lines, load the activity settings for `ParallelLines2.act`

To start from the beginning:

Load the background image `Parallel Lines 1.8xi`
or `Parallel Lines 2.8xi`

Set up the Activity Center so that students contribute points. To prevent students from plotting the white points on the screen, make sure students contribute zero points.

Individualize the student cursors.

Make sure the window is friendly for students to move from one area to another.

Suggested Teacher Questions:

- Which angle(s) are vertical to angle 1?
- Which angle(s) are corresponding to angle 1?
- Which angle(s) are same side exterior angles to angle 1?
- Which angle(s) are same side interior angles to angle 3?
- Which angle(s) are congruent to angle 1?
- Which angle(s) are supplementary to angle 1?

