

DCAS-Alt1 Released Task

Content Area: Math	Grade Band: 6-8
Name of task: Task 1: Intersections	Number of Items in Task: 6
Description of task: For each item, the student is presented with a poster with two lines. For items one through three, the student is asked yes or no questions about the relationship of the lines in the poster. For items four through six, the student is asked to indicate the point of intersection of the lines. The student will use his/her mode of communication to answer.	
Standards addressed in this task: Expressions and Equations (EE) (8.8) Analyze and solve pairs of simultaneous linear equations. Essence: Solve pairs of linear equations E1: Given a graph with two lines, compare the sloped of the lines (line a is steeper than line b). E2: Given a graph with two lines, identify the coordinates of the point of intersection. E3: Given a graph with two lines, identify the point of intersection.	
Connections to academic instruction: <ul style="list-style-type: none">• Coordinate planes• Directionality• Geometry• Graphing• Plotting points on a graph	
Real life application: <ul style="list-style-type: none">• Doing a word search, crossword puzzle• Using a map to determine location (e.g., roads, stores, classrooms)	