

### Slope Menu Task:

Build as *few* ordered pairs as possible to satisfy each constraint at least once.

You can connect any pair of points to satisfy the constraints.

|    |   |    |   |
|----|---|----|---|
| A. | The slope between the points is perpendicular to $-\frac{2}{3}$ | B. | The slope between the points is less than 1         |
| C. | The slope between the points is <i>not</i> positive             | D. | One of the points is (-2, -5)                       |
| E. | The slope between the points is an integer                      | F. | The slope between the points has a denominator of 3 |
| G. | Both points are in the second quadrant                          | H. | Both points are on the axes                         |

*Which constraints pair nicely?*

*Which constraints cannot be paired?*

*Is it possible to solve in 2, 3, or 4 ordered pairs?*

Describe how and why you built each ordered pair.

Be sure to identify which pairs of points satisfy which constraints.

