Which is Greater? — Using Linear Functions

The graphs for all these functions are straight lines:

$y = -2x - 5$	$y = -x - 5$	$y = x - 5$	$y = 2x - 5$
$y = -2x - 2$	$y = -x - 2$	$y = x - 2$	$y = 2x - 2$
$y = -2x + 1$	$y = -x + 1$	$y = x + 1$	$y = 2x + 1$
$y = -2x + 4$	$y = -x + 4$	$y = x + 4$	$y = 2x + 4$

1. Find pairs of functions from this list whose graphs do not intersect.

2. Find pairs of functions from this list whose graphs intersect to the left of the y-axis.

3. Find pairs of functions from this list whose graphs intersect to the right of the y-axis.

4. Find pairs of functions from this list whose graphs intersect on the y-axis.

5. How are these questions related to "Which is Greater?"

6. Is there a way to predict *without actually graphing*
   a. whether the graphs will meet?
   b. whether they will meet on the y-axis?
   c. whether they will meet on the left or right of the y-axis?