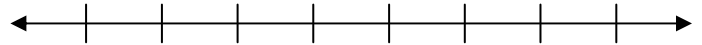


## Math172 – Section 1.2: Interval Notation and Graphs

Graph each union or intersection below, and write it as a single interval, if possible. If it's not possible, write the original interval in the space provided. If the answer is the empty set, say so.

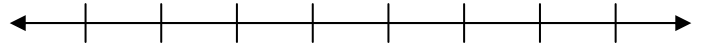
$$(-2, 0] \cup [-1, 5)$$

\_\_\_\_\_



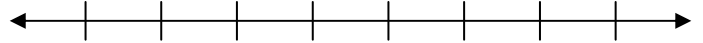
$$(-2, 0] \cap [-1, 5)$$

\_\_\_\_\_



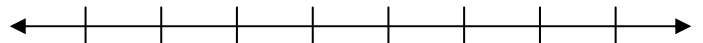
$$[2, 5) \cup [-3, \infty)$$

\_\_\_\_\_



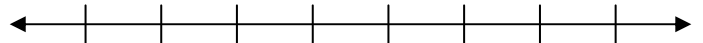
$$[2, 4] \cup (1, 4)$$

\_\_\_\_\_



$$(-\infty, 4] \cup [5, \infty)$$

\_\_\_\_\_



$$(-\infty, 4] \cap [5, \infty)$$

\_\_\_\_\_

