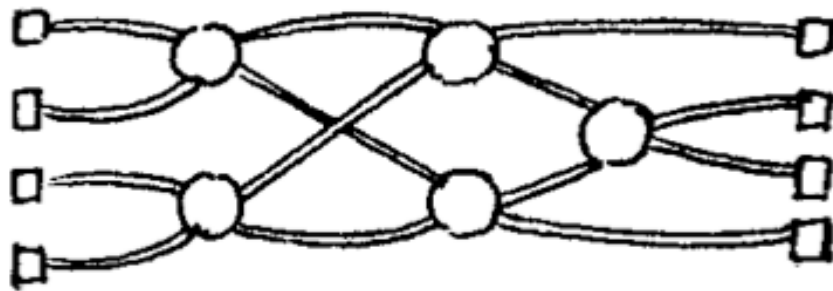# Sorting Network Activity

Activity #1: [Sorting Network] Trying it out by hand.

You have seen this sorting network for 4 numbers shown below.

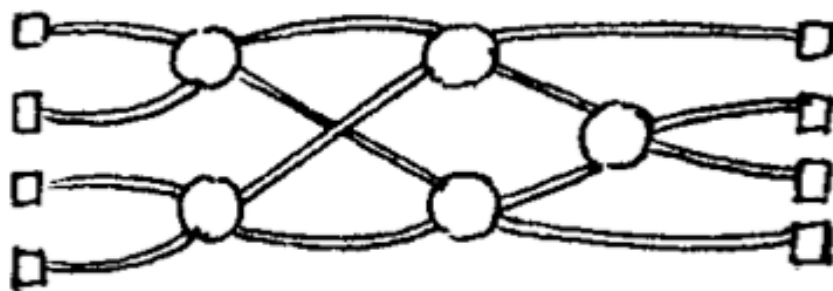Start with [2 3 4 1] (top to bottom), use the network to sort the numbers.
   (Write down where the numbers will go as you work through the network.)

Activity #2: [Sorting Network] to [Finding Maximum]

Modify the sorting network so that the largest number appears at the bottom
in the output.   (The other numbers do not need to be sorted.)
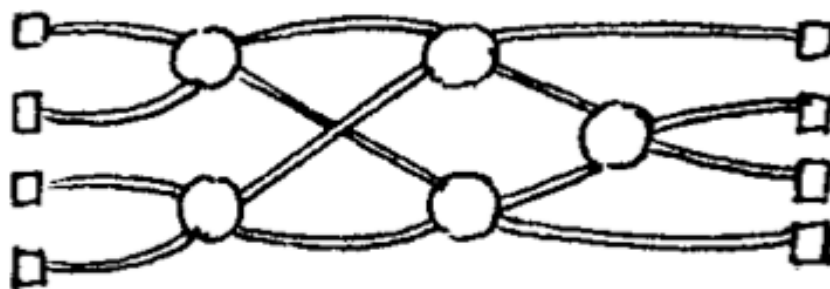

Name: _____

Email: _____

Sorting Network Activity

Activity #3: [Sorting Network] to [smaller ones]

You have seen this sorting network for 4 numbers.

Modify the sorting network to get one for sorting 3 numbers.

How many round "compare-nodes" do you use? _____

Name: _____

Email: _____