**Wkst: Calculating Areas Treating All Regions Positive**

Find the area bound by *f* (*x*), the *x-*axis, and the given interval then calculate the total area (treat all areas as positive). Sketch each graph, then show all integral set ups and take each integral.

1.  a)[0, 5]

 Overall Area Area Treating All as Positive

b) [-2, 2]

 Overall Area Area Treating All as Positive

c) [-8, 1]

 Overall Area Area Treating All as Positive

2.  a) [1, 5]

 Overall Area Area Treating All as Positive

 b) [-1, 7]

 Overall Area Area Treating All as Positive