

$n=7$



The Median  $M$  is the center observation, which is located in the  $(7+1)/2 = 4$ th spot in the ordered list

$n=8$



The Median  $M$  is the mean of the two center observations, which in this case are located at the  $8/2=4$ th and  $8/2 + 1 = 5$ th spots in the ordered list