

Median is known as Positional  
Average

MTWTFSS  
Date: / /

Calculating Median from ungrouped data

Q = 14,100, 14,150, 16,000, 17,120, 15,200, 16,160, 17,400  
Individual Series

Step 1  $\Rightarrow$  arrange the numbers in ascending order

(1) 14,100, (2) 14,150, (3) 15,200, (4) 16,000 ✓  
(5) 16,160, (6) 17,120, (7) 17,400

$$m = \frac{N+1}{2}$$

$$\frac{7+1}{2} = \frac{8}{2} = 4^{\text{th}} \text{ value}$$

16,000 is the median