

Name: _____

Baseball Players



1. The mean weight of nine players on a baseball team is 177 pounds. Find the **total weight** of the nine players.

Show your work.

2. The mean weight of the nine players and three reserve players is 188 pounds. Find the **mean weight** of the three reserve players.

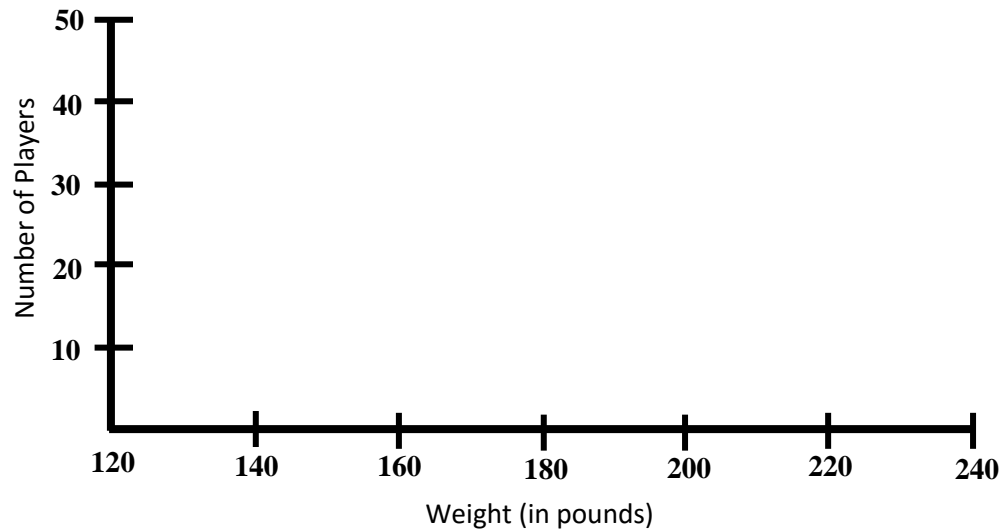
Show how you figured it out.

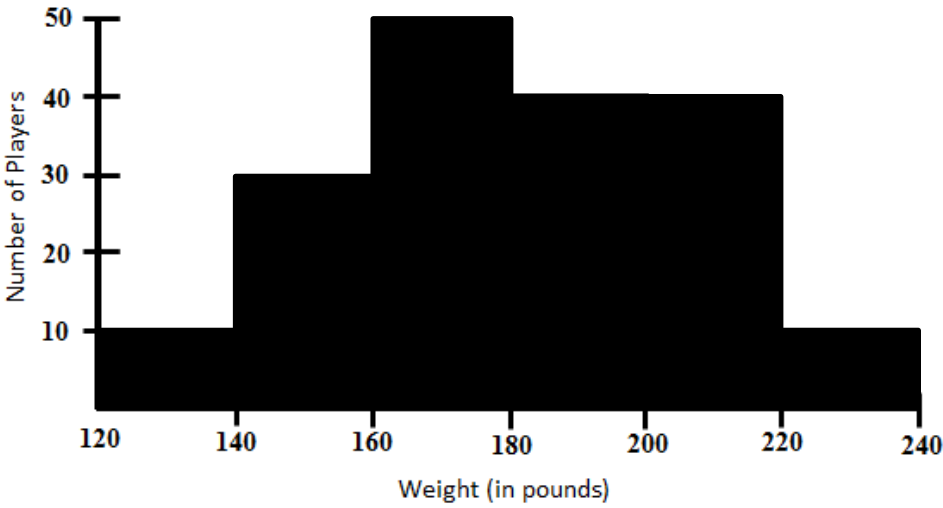
3. The opposing baseball team has nine players whose weights, in pounds, are 174, 177, 194, 162, 196, 169, 187, 192, 178. Find the median and the range of these weights.

Median _____

Range _____

4. All 140 players in the league reported their weights on their registration forms. Some information about their weights is given below. Create a histogram that displays the players possible weights based on this information.
- 10 players weighed less than 140 pounds.
 - 10 players weighed more than 220 pounds.
 - The most players weighed between 160 and 180 pounds.
 - Half of the players weighed 180 pounds or more.



Baseball Players	Rubric	
<p>The core elements of performance required by this task are:</p> <ul style="list-style-type: none"> work with averages <p>Based on these, credit for specific aspects of performance should be assigned as follows</p>	points	section points
<p>1. Gives correct answer: 1593</p> <p>Shows correct work such as: 177 x 9</p>	1 1	2
<p>2. Gives correct answer: 663 ÷ 3 = 221 pounds (<i>correct answer only</i>)</p> <p>Shows work such as: 188 x 12 = 2256</p> <p>2256 – 1593 = 663</p> <p><i>Allow follow through from previous section</i></p>	1 1 1	3
<p>3. Gives correct answer as: 178 pounds</p> <p>34 or 35 pounds (<i>accept 162 to 196</i>)</p>	1 1	2
<p>4. Gives a correct answer such as:</p> 	2	2
Total Points		9