



The 2008 U.S. Olympic Men's Basketball team won the gold medal in Beijing. The team consisted of the following 12 men.

U.S.A. Team Roster					
Name	Number	Position	Height in Centimeters	Height in Feet and Inches	Weight in Pounds
Carlos Boozer	4	F	206 cm	6'9"	266 lbs.
Jason Kidd	5	G	194 cm	6'4"	210 lbs.
LeBron James	6	F	203 cm	6'8"	250 lbs.
Deron Williams	7	G	191 cm	6'3"	205 lbs.
Michael Redd	8	G	199 cm	6'6"	215 lbs.
Dwyane Wade	9	SG	193 cm	6'4"	216 lbs.
Kobe Bryant	10	G	199 cm	6'6"	205 lbs.
Dwight Howard	11	C	211 cm	6'11"	265 lbs.
Chris Bosh	12	P/C	208 cm	6'10"	230 lbs.
Chris Paul	13	PG	183 cm	6'0"	175 lbs.
Tayshaun Prince	14	F	206 cm	6'9"	215 lbs.
Carmelo Anthony	15	SF	203 cm	6'8"	230 lbs.

Source: [http://www.usabasketball.com/news.php?news\\_page=2008msntroster](http://www.usabasketball.com/news.php?news_page=2008msntroster)

- Determine the mean height of the players in centimeters.
- Determine the mean height of the players in feet and inches.
- Which unit of measurement was easier to work with when determining the mean height? Explain your reasoning.



4. Determine the median height of the players in centimeters.
  
  
  
  
  
  
  
  
  
  
5. Determine the median height of the players in feet and inches.
  
  
  
  
  
  
  
  
  
  
6. One website showing height data reports the average height of the players is 200 cm and 6'7". Which value – mean, median, or mode – do you think they used to report the average? Explain your reasoning.
  
  
  
  
  
  
  
  
  
  
7. Determine the median weight of the players in pounds.
  
  
  
  
  
  
  
  
  
  
8. Mr. Smith's class determined the mean weight of the players in pounds. At least one student gave each of the answers listed below. Without computing the mean weight, determine which answer is correct. Explain your reasoning.  
188.5 lbs.      200 lbs.      223.5 lbs.      255 lbs.