

Extra Credit:

3. The table below shows the team payrolls (total amount of salaries paid to all team members) for the current or most recent season in each of the major U.S. professional sports leagues:

Major League Baseball (MLB)		National Basketball Association (NBA)		National Football League (NFL)	
New York Yankees	\$209,081,579	New York Knicks	\$93,341,391	Washington Redskins	\$123,408,019
Detroit Tigers	\$138,685,197	Cleveland Cavaliers	\$85,428,923	New England Patriots	\$117,963,182
New York Mets	\$138,293,378	Dallas Mavericks	\$84,206,021	New Orleans Saints	\$110,417,011
Boston Red Sox	\$133,440,037	Portland Trail Blazers	\$81,508,534	Buffalo Bills	\$108,875,882
Chicago White Sox	\$121,152,667	Boston Celtics	\$78,019,509	Kansas City Chiefs	\$108,482,459
Los Angeles Angels	\$119,216,333	Los Angeles Lakers	\$75,330,112	Dallas Cowboys	\$107,376,072
Chicago Cubs	\$118,595,833	Denver Nuggets	\$73,412,428	San Francisco 49ers	\$106,877,077
Los Angeles Dodgers	\$118,536,038	Phoenix Suns	\$73,222,550	Detroit Lions	\$106,731,910
Seattle Mariners	\$117,993,982	Houston Rockets	\$71,286,452	Pittsburgh Steelers	\$106,293,914
Atlanta Braves	\$102,424,018	Milwaukee Bucks	\$69,084,243	Baltimore Ravens	\$104,997,764
St. Louis Cardinals	\$100,624,450	Indiana Pacers	\$68,898,240	Chicago Bears	\$104,151,969
Toronto Blue Jays	\$98,641,957	Utah Jazz	\$65,632,827	Indianapolis Colts	\$102,786,398
Philadelphia Phillies	\$98,269,881	Detroit Pistons	\$65,503,760	San Diego Chargers	\$102,460,685
Houston Astros	\$88,930,415	Sacramento Kings	\$64,996,855	Cleveland Browns	\$102,394,922
Milwaukee Brewers	\$81,004,167	Minnesota Timberwolves	\$64,728,383	Denver Broncos	\$102,152,344
Cleveland Indians	\$78,970,067	New Orleans Hornets	\$64,547,807	Philadelphia Eagles	\$100,807,309
San Francisco Giants	\$76,904,500	Miami Heat	\$63,888,839	St. Louis Rams	\$100,340,467
Cincinnati Reds	\$74,277,695	San Antonio Spurs	\$63,559,368	New York Jets	\$99,971,535
San Diego Padres	\$73,677,617	Orlando Magic	\$62,863,107	Seattle Seahawks	\$99,567,188
Colorado Rockies	\$68,655,500	Atlanta Hawks	\$62,545,088	Arizona Cardinals	\$98,694,817
Texas Rangers	\$68,239,551	New Jersey Nets	\$62,167,320	Cincinnati Bengals	\$98,529,188
Baltimore Orioles	\$67,196,248	Toronto Raptors	\$58,784,702	Houston Texans	\$98,154,775
Arizona Diamondbacks	\$66,202,713	Washington Wizards	\$57,803,157	Tampa Bay Buccaneers	\$98,105,565
Minnesota Twins	\$62,182,767	Seattle SuperSonics	\$52,876,667	Green Bay Packers	\$97,653,823
Kansas City Royals	\$58,245,500	Chicago Bulls	\$49,169,990	Tennessee Titans	\$97,081,153
Washington Nationals	\$54,961,000	Charlotte Bobcats	\$45,309,481	Jacksonville Jaguars	\$94,030,775
Pittsburgh Pirates	\$49,365,283	Memphis Grizzlies	\$44,706,020	Carolina Panthers	\$93,944,262
Oakland Athletics	\$47,967,126	Los Angeles Clippers	\$43,892,696	Miami Dolphins	\$92,573,123
Tampa Bay Rays	\$43,820,598	Philadelphia 76ers	\$35,166,714	Minnesota Vikings	\$92,161,921
Florida Marlins	\$21,836,500	Golden State Warriors	\$34,582,090	Oakland Raiders	\$90,869,865
				Atlanta Falcons	\$83,845,371
				New York Giants	\$75,755,388

- a. Which league has the greatest range of payrolls? Give its value. Which league has the smallest range? Give its value.

- b. Complete the following table of five number summaries (show the figures in millions of dollars, using correct rounding)

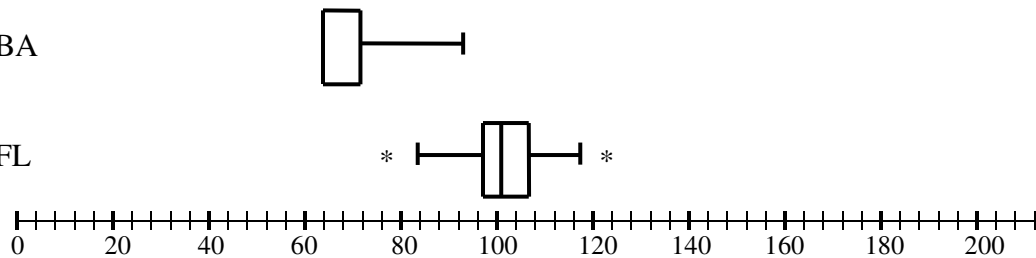
	MIN	Q1	MEDIAN	Q3	MAX
MLB					
NBA	35	58	65	73	93
NFL	76	97	101	107	123

- c. Complete the following display by constructing the boxplot for Major League Baseball and completing the NBA boxplot:

MLB

NBA

NFL



- d. Summarize your findings as if you were a sports reporter trying to write an interesting article about the similarities and differences between the three leagues.