

# Fantasy Baseball Team Project

Members

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Members	Responsibility	Check if completed (√)
	Team Emblem	
	9 Baseball Cards	
	2-sided Statistics page	
	2-sided Decimal Operations page	
	<i>Optional : Baseball Diamond w/ players attached</i>	

# Fantasy Baseball Team Project

Due Date \_\_\_\_\_

**Objective:** Using up-to-date statistics, to create your “Dream Team” baseball team from current major league baseball players.

## Materials:

MLB team roster page -<http://sportsillustrated.cnn.com/baseball/mlb/players/>

Fantasy Baseball Directions page

Fantasy Baseball Statistics pages

**Directions:** You will be creating your very own Fantasy Baseball Team from current MLB players.

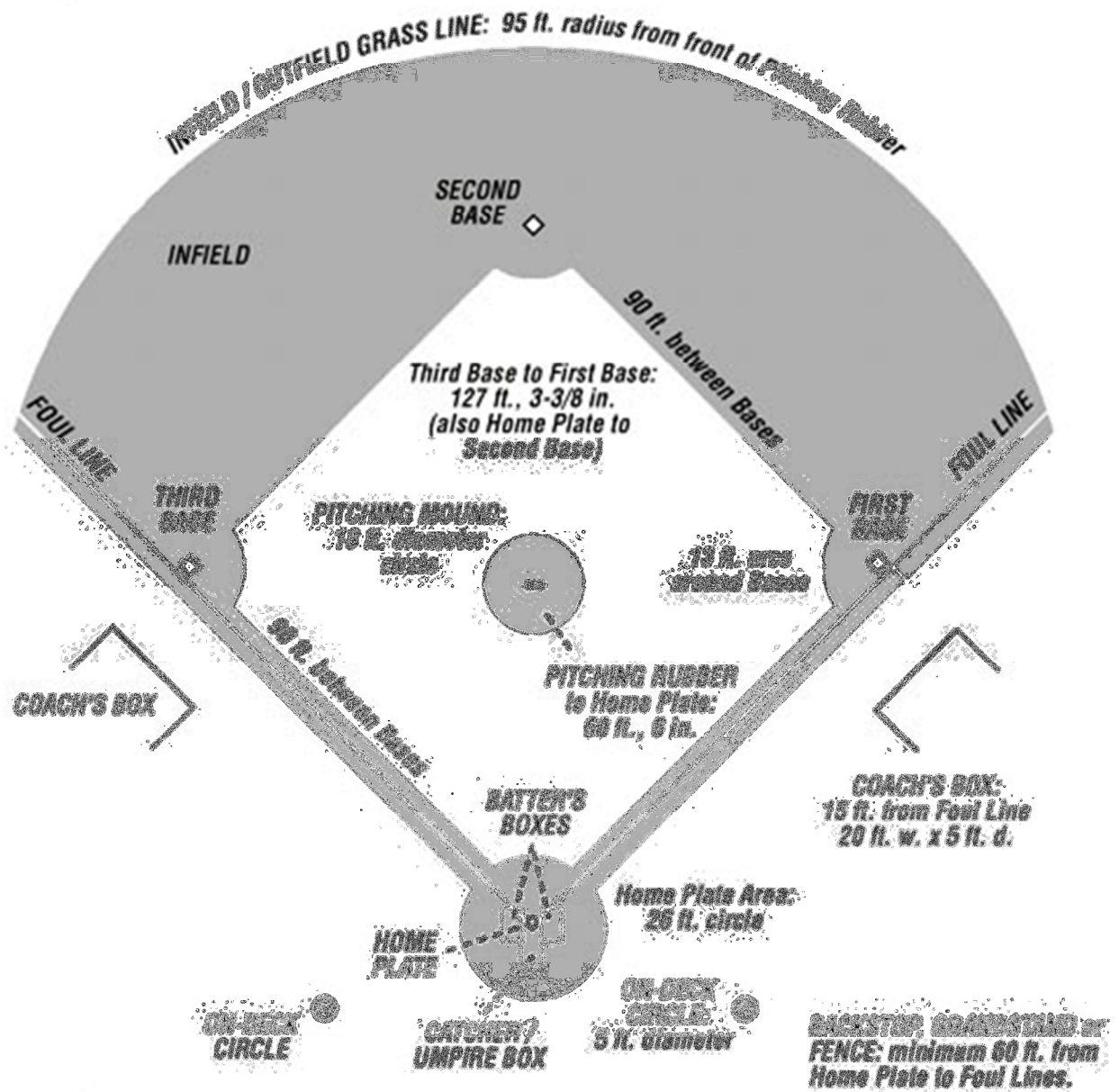
1. Create a **new team** in a **US city that does not currently have a MLB team**.
2. Design an emblem for your new team on a half a piece of poster board. Your emblem must have your **city’s name on it** and your **new team’s last name** (like Texas Rangers or Atlanta Braves). Your design can contain any baseball items or items relating to your city that you wish. It must also include as an important part of the design:
  - a. A circle (maybe a baseball?)
  - b. A rectangle, square, parallelogram, or trapezoid
  - c. A triangle
  - d. A pentagon (maybe home plate?)

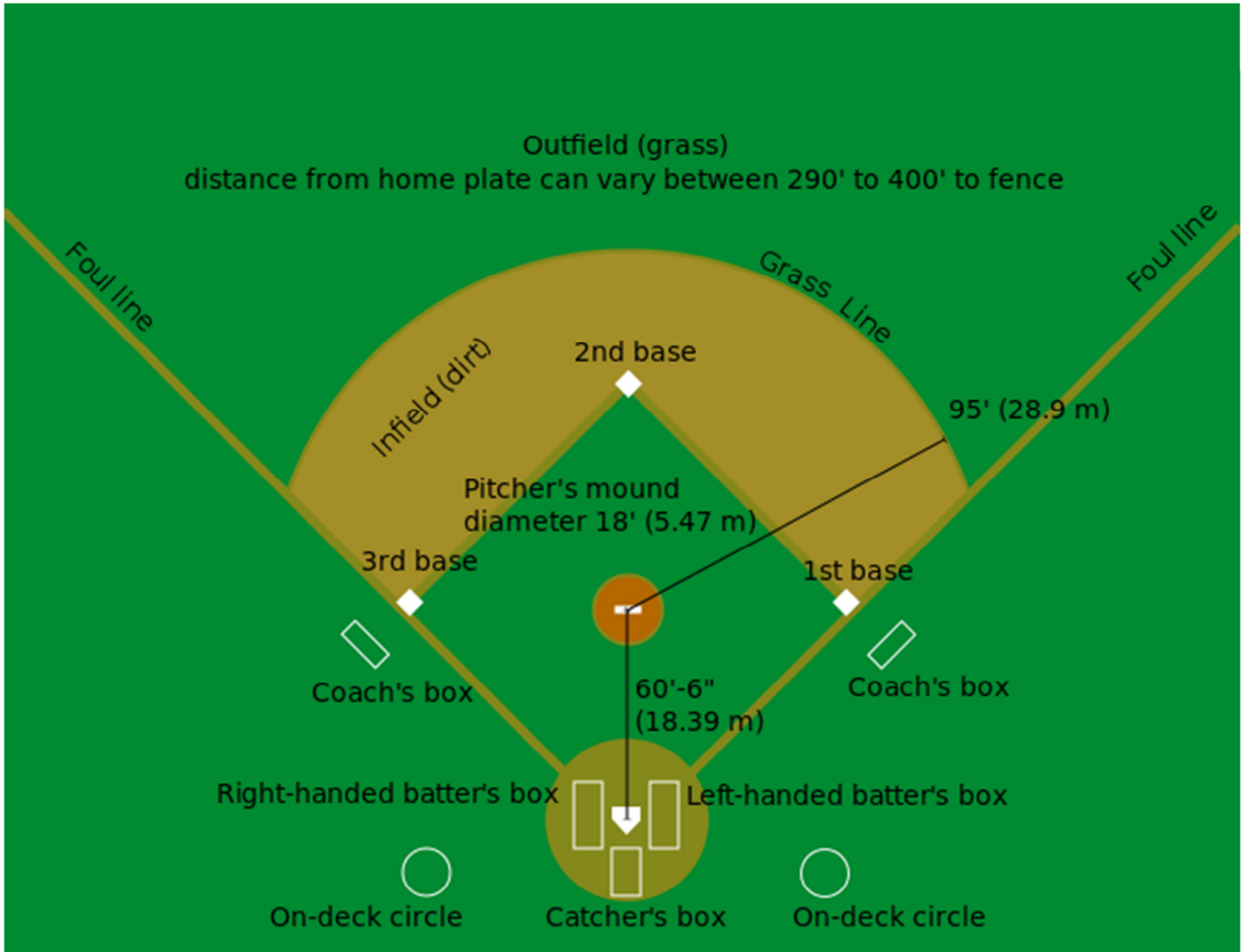
You will calculate the perimeter and area of these shapes in cm using decimals.

3. Search the website above to find **nine current baseball players** to form your new team. Fill in their statistics on the appropriate page. Complete both statistics pages. Your players must have at least 500 career at-bats (except for the pitcher). Your pitcher must have at least 200 innings pitched.
4. Create a baseball card for each player on your newly formed team, using template provided. See Mr. Mangham for examples of baseball cards.
5. Complete Decimal - All Operations worksheet
6. Turn in completed statistics worksheets, team emblem, decimal worksheet and baseball cards.

## BONUS POINTS

7. Create a baseball diamond on poster board. See pictures below for dimensions. Use a scale of  $\frac{1}{16}$  in. = 1 ft.
8. Place baseball cards by appropriate position on poster board with tape.
9. Turn in team emblem, worksheet and baseball diamond with players attached to it.





## **BASEBALL CITY CHOICES**

1. San Antonio, Texas
2. San Jose, California
3. Indianapolis, Indiana
4. Columbus, Ohio
5. Austin, Texas
6. El Paso, Texas
7. Charlotte, North Carolina
8. Portland, Oregon
9. Oklahoma City, Oklahoma
10. New Orleans, Louisiana
11. Las Vegas, Nevada
12. Long Beach, California
13. Albuquerque, New Mexico
14. Fresno, California
15. Virginia Beach, Virginia
16. Sacramento, California
17. Tulsa, Oklahoma
18. Omaha, Nebraska
19. Honolulu, Hawaii
20. Colorado Springs, Colorado
21. Wichita, Kansas
22. Toledo, Ohio
23. Buffalo, New York
24. Corpus Christi, Texas
25. Raleigh, North Carolina
26. Lexington, Kentucky
27. Anchorage, Alaska
28. Louisville, Kentucky
29. Birmingham, Alabama
30. Norfolk, Virginia
31. Baton Rouge, Louisiana
32. Lincoln, Nebraska
33. Greensboro, North Carolina
34. Madison, Wisconsin
35. Fort Wayne, Indiana
36. Montgomery, Alabama
37. Shreveport, Louisiana
38. Mobile, Alabama
39. Des Moines, Iowa
40. Grand Rapids, Michigan
41. Richmond, Virginia
42. Spokane, Washington
43. Durham, North Carolina
44. Boise, Idaho

	P
Career Stats	
Wins	
Loses	
Saves	
ERA	
BB	
K	

	C
Career Stats	
AVG.	
AB	
H	
RBI	
SLG	
2B	
3B	
HR	

	1B
Career Stats	
AVG.	
AB	
H	
RBI	
SLG	
2B	
3B	
HR	

	2B
Career Stats	
AVG.	
AB	
H	
RBI	
SLG	
2B	
3B	
HR	

	3B
Career Stats	
AVG.	
AB	
H	
RBI	
SLG	
2B	
3B	
HR	

	SS
Career Stats	
AVG.	
AB	
H	
RBI	
SLG	
2B	
3B	
HR	

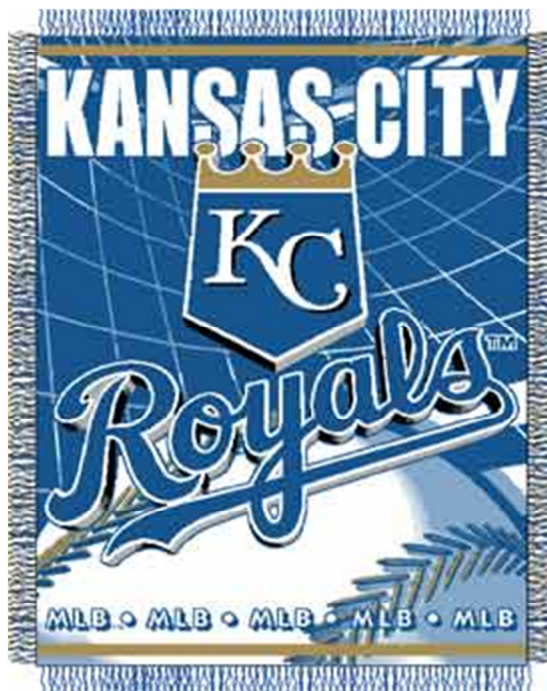
	LF
Career Stats	
AVG.	
AB	
H	
RBI	
SLG	
2B	
3B	
HR	

	CF
Career Stats	
AVG.	
AB	
H	
RBI	
SLG	
2B	
3B	
HR	

	RF
Career Stats	
AVG.	
AB	
H	
RBI	
SLG	
2B	
3B	
HR	



[www.sportsfanoutlet.com](http://www.sportsfanoutlet.com)



1. Compare and Order SLG for all players except for pitcher. Order from least to greatest.

Player	SLG

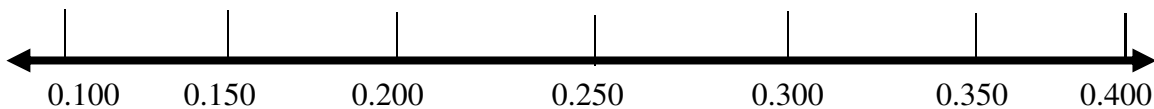
2. Round batting averages (AVG.) for below players to nearest hundredth.

C	
1B	
SS	
RF	

3. Round batting averages (AVG.) for below players to nearest tenth.

2B	
3B	
LF	
CF	

4. Place all players except for pitcher batting average in correct place on number line.





5.	Write the pitchers ERA in words.	
6.	What is the sum of the CF and SS on base percentage (OBP)?	
7.	The difference between the 1B and 3B batting average (AVG) is what?	
8.	What is the difference between the total of the infield's batting average and the total of the outfielders batting average?	
9.	What is the slugging average (SLG) of the infield?	
10.	If each one of the infielders had the same slugging average as the 1B, what would the infield's total slugging average be?	
11.	If the outfielders were replaced with three new players and each of their batting averages was one-third the CF current batting average, what would their AVG.'s be? Round answer to nearest thousandth.	
12.	Pitcher's ERA $\div$ 0.5	
13.	Pitchers BAVG $\times$ 2.3	

**MINIMUM SIZES OF GEOMETRIC SHAPES**

**For full credit** your four geometric shapes must meet the following guidelines:

A circle – Diameter of at least 6.0 centimeters

A quadrilateral – Two sides at least 10.0 centimeters, the other two at least 5.0 centimeters

A triangle – A perimeter of at least 12.0 centimeters

A pentagon – A perimeter of at least 15.0 centimeters

At least 2 of the 4 shapes should be an important part of your overall design.

You can have as many extra shapes as you want at any size you want. You just need ONE of each at the sizes listed above.

Measure all of the sides of your geometric figures on your team emblem. Use centimeters as your form of measurement and measure to the nearest tenth of a centimeter (that would be a millimeter!). Write your dimension as a decimal like this: 24.7 cm

1.	List the lengths of the sides of your triangle.	
2.	List the two names for your triangle (ex. acute, isosceles)	
3.	List the lengths of the sides of your quadrilateral.	
4.	What is the specific name of your quadrilateral?	
5.	List the lengths of the sides of your pentagon.	
6.	Is your pentagon a regular pentagon?	
7.	List the radius and diameter of your circle.	
8.	List the dimensions of your entire emblem.	

Use the numbers above to solve the following problems.

9.	What is the perimeter of your triangle?	
10.	What is the perimeter of your quadrilateral?	
11.	What is the perimeter of your pentagon?	
12.	What is the perimeter of your entire emblem?	
13.	What is circumference of your circle?	
14.	What is the area of your triangle?	
15.	What is the area of your quadrilateral?	
16.	What is the area of your pentagon?	
17.	What is the area of your entire emblem?	
18.	What is area of your circle?	