

3/19 +
3/20

ASSIGNMENT #2 – **Research** teams. Using the bracket as a list of teams, research some interesting statistics that may help you guess the winning team of each game when you go to fill out your bracket. Arrange the information for the teams in the tables provided by region. You may team up with 1-2 of your classmates to complete this assignment.

- Stats you are looking for: Team by Region, Region Location, School Location. As well as at least 2-3 quantitative or qualitative statistics of your choice such as:

QUANTITATIVE STATS

% wins, average points per game, average points scored by opponents per game, field goal percentage, free throw percentage, 3 point field goal percentage, average turnovers per game, average steals per game, average blocked shots per game, etc.

QUALITATIVE STATS

Team color, mascot, etc.

You can do more than 3 if you think it will give you an advantage at choosing your teams!

- Be sure to fill in the team's overall win percentage in the final column as well!
HINT: the team's winning percentage can be calculated from their win-loss record.
- Possible Resources:

<http://www.ncaa.com/>

<http://www.ncaa.com/march-madness>

<http://www.cstv.com/>

<http://sports.espn.go.com/ncb/index>



ASSIGNMENT #3 – **Fill out** your bracket!

ASSIGNMENT #4 – Complete the “**What are the Odds!?**” worksheet to check out probabilities in the tournament if all chances were equal.

ASSIGNMENT #5 – Complete the “**Wins vs. Total Games Played**” worksheet to examine win percentages in various categories.

****Note:** the team's winning percentage can be calculated from the win-loss record (as researched or following the team name on select brackets)

TEAM STATISTICS

- Sample
1. From your bracket put the team name and find the school's location in the table.

2. Fill in the next columns with other stats you are interested in knowing (you can choose from the stat choices listed under Assignment #2).

3. Finally, calculate the win percentage for each team and fill in the final column with this percentage.

Rank

TEAM NAME	SCHOOL LOCATION	OTHER: REGION	OTHER: Ave. Pts. Per Game	OTHER: field goal percentage	OTHER: Free Throw percentage	OTHER: Ave. Pts. scored by opponents	OTHER: WIN PERCENTAGE
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							

wins
wins + losses

East

Sara, Jillian,
Val, Sade,
Cam, Jerry

South

Audra, Mallory,
Tom, Anthony ^{AB}
Brett, Alexis

West

Chloe, Kayla,
Joe, Michael, ^{AB}
Bobby, Courtney

Mid west

Olivia, Heather,
Maddy, Julia,
Matt, August