MATH PROBLEMS

1. In Fernando Tatis Jr's rookie year, he had 106 hits in 334 at bats. What was his batting average his rookie year?

2. Of Tatis' 106 at bats, 22 were home runs. What percentage of his hits were home runs?

3. Tatis had 13 doubles and 6 triples in his rookie campaign. Including his home runs, how many extra base hits did he have his rookie year?

4. What percentage of his hits were extra base hits?

5. Tatis played in 84 games his rookie year and he scored 61 runs. How many runs did he score per game played?

6. Tatis hit 10 home runs at Petco Park his rookie year. What percentage of his home runs were hit at home?

7. Tatis had 16 stolen bases, and was caught stealing 6 times. What was his stolen base percentage?

8. Tatis played in 731.1 innings last year, and played in 83 games. How many innings per game did he play?

9. Tatis started 82 games his rookie season while playing in 83 games. What percentage of games did he start?

10. Tatis played 731.1 innings and had only 18 errors. How many errors did he average per inning played?

1. .317

106 Hits (H) / 334 At Bats (AB) = .317

2. 21%

22 Home Runs (HR) / 106 Hits (H) = .207, so almost 21% of his hits were home runs!

3. 41

22 Home Runs (HR) + 13 Doubles + 6 Triples = 41 extra base hits

4. 39%

41 Extra Base Hits / 106 Total Hits = 39%

5. .72

61 Runs (R) / 84 Games Played = .72 runs per game played

6. 45%

10 Home Runs (HR) / 22 = 45% of home runs at home

7. 73%

16 Stolen Bases / (16 + 6) Total Attempted Stolen Bases = 16 / 22 = 73%

8. 8.8 Innings

731.1 Innings Played / 83 Games Played = 8.8 innings per game!

9. 98.7%

82 Games Started / 83 Games Played = 98.7%

10. .0246

18 Errors (E) / 731.1 Innings Played = .0246 errors per inning played