

# *Stat Star* questions for 2011

- 1) The Sky Sox will play 70 games before the All Star Break in July. If the Sky Sox win 60% of their first 70 games, how many wins will they have before the All Star Break?
- 2) From Tyler at Springs Ranch Elementary: At a typical Sky Sox home game at Security Service Field,  $\frac{1}{16}$ <sup>th</sup> of the fans are rooting for the Visiting Team. If at one of these typical games there are 200 fans rooting for the Visiting Team, how many fans are there at Security Service field that day?
- 3) The Sky Sox will play 72 games this season at their home ballpark, Security Service Field. They use an average of 16 baseballs per game. If a case of baseballs contains 24 balls, how many cases of baseballs will the Sky Sox use at home this year?
- 4) From Deion at Springs Ranch Elementary: If the Sky Sox win today's game without having to come to bat in the bottom of the 9<sup>th</sup> inning, how many outs would have been recorded in the entire game (both teams combined)?
- 5) The on-deck area (where a player warms up before batting) is a circle, 10 feet in diameter. How many feet of chalk are needed to draw a chalk line around both of the on-deck circles?
- 6) Each season the Sky Sox put a new coat of blacktop on the parking lot at Security Service Field. The parking lot is a rectangle, 200 feet wide and 500 feet long. If a bucket of blacktop material can cover 250 square feet of parking lot, how many buckets will be needed to complete the job?
- 7) At each home game Sox the Fox launches 9 souvenir T-shirts into the crowd. Over a 72 game home season, how many T-shirts will have been launched into the crowd?
- 8) A few seasons ago, Sky Sox third baseman (now Rockies third baseman) Ian Stewart hit three home runs in a game at Security Service Field. The first one was hit to left field, 395 feet from home plate. The second one was hit to right field, 375 feet from home. The last one was a monster blast, it was hit to straight away center, 435 feet from home. At least how far total did these home runs go all together?
- 9) If pitcher John Mayne pitches 72 innings this season with the Sky Sox, and his Earned Run Average for the Sky Sox is 3.50, how many Earned Runs will he have allowed this season?
- 10) Suppose that after the first 50 games of the season, Sky Sox infielder Eric Young, Jr. has stolen 21 bases. If he maintains this pace for the entire season, how many stolen bases will E.Y. Junior have by the end of the Sky Sox' season? (Give your answer to the closest whole number.)