

Math Forum - Problem of the Week

At Least a Mile [Problem #16003]

As you may know, the Math Forum office is located in Philadelphia, Pennsylvania and many of us enjoy attending the 2008 World Champion Phillies games. The game of baseball provides many opportunities to use our math skills. This week's problem was presented as a trivia question at a recent game.

Question: How many runs do the Phillies have to score before the scoring base runners have covered at least a mile?



Extra: If the players all wore pedometers and measured their actual distance traveled, do you think that they could get to 1 mile with fewer players? Or might they need more players than you calculated? What factors might change their actual distance traveled?