

Problem of the Month, February, 2012

Please turn all solutions into Dr. Dunn's office, JB 322. You may slide your solutions under his door as well. Most elegant solution wins a \$10 gift certificate to the bookstore! Solutions will be accepted anytime during the month of February, 2012. Good luck!

During an american football game, a team can score a touchdown, field goal, or safety. A safety is worth 2 points, a field goal is worth 3 points, and (for the sake of this problem we assume that) a touchdown is worth 7 points. If we assume that your team's score is 0 to start the game, what are the possible point totals that your team could score?