



## Problem of the Week

### Problem D

#### Tiddlywinks Anyone?

The game of Tiddlywinks dates back to 1955. Rumour has it that the game has made a comeback with some students in recent years. Last year, our local TPL, Tiddlywink Premier League, launched its first season. Each team in the league played each of the other teams in the league the same number of times.

In its second season the TPL has grown. The total number of matches played this season will be twice the number of matches played in the first season and there will be 40% more teams than in season one. Each team in the league will still play each of the other teams in the league the same number of times as in season one.

How many teams were in the TPL in season one?

