



Problem of the Week

Problem B

Game On ...

Many sports are divided into a fixed number of “playing periods” or “parts”, with each part having a fixed length of playing time. The following chart outlines how many parts are in one game for various sports, the playing time for one part, and the total playing time for one game without any stoppages.

- a) Complete the chart using the information provided.

Sport	Number of “parts” in one game	Playing time for one “part”	Total playing time for one game
NFL football	4 quarters	15 minutes	
NBA basketball	4 quarters		48 minutes
Hockey	___ periods	20 minutes	60 minutes
Soccer	2 halves	45 minutes	
Lacrosse	4 quarters		60 minutes

- b) A NFL football game between Buffalo and Detroit started at 1:00 p.m. The game took 2 hours and 12 minutes longer than the playing time with no stoppages. At what time did the game end?
- c) A basketball game between Toronto and Boston started at 7:00 p.m. and ended at 9:15 p.m. How much of this time was during stoppages in play?

