

Where did the football score come from?

Write a set of instructions in English that a person can follow to determine what events occurred to reach a given score in football. The instructions should work for any score, so be sure to test it with several scenarios. To simplify the problem you can assume that events can only be field goals for 3 points and touchdowns for 7 points (no missed extra points and no safeties).

Note: Your instructions should be sentences or phrases that are understandable to a person with little to no football knowledge.

Primitives:

- Use of variables (named values)
- Addition
- Subtraction
- Multiplication
- Division
- Comparison of numbers (equal, less than, greater than, ...)
- You may number your instructions and reference another instruction by number.