

Exemplars

Name: _____

P/S	R/P	Com	Con	Rep	A/Level

Football Players ○

Football Players

Twelve football players at Lincoln High School are training to gain a healthy weight and strength before their first game. Pete's Restaurant will have a dinner for the football players if their combined weight totals at least two thousand pounds. At the end of training, the coach weighs and records the weight of each player with a very precise digital scale. Below is the weight of each football player:

Player Weight in Pounds

1	162.090
2	182.300
3	139.865
4	197.500
5	199.980
6	194.231
7	200.900
8	145.700
9	181.200
10	149.970
11	198.909
12	157.310

The coach rounds each football player's weight to the nearest hundred pounds to estimate if the football players earn dinner at Pete's Restaurant. Will the football players be going to Pete's Restaurant for dinner? The football players look at the coach's list of precise weights. The football players decide to make a new list with each football players weight recorded to the nearest tenth of a pound. What could the new list look like? Show all your mathematical thinking.