

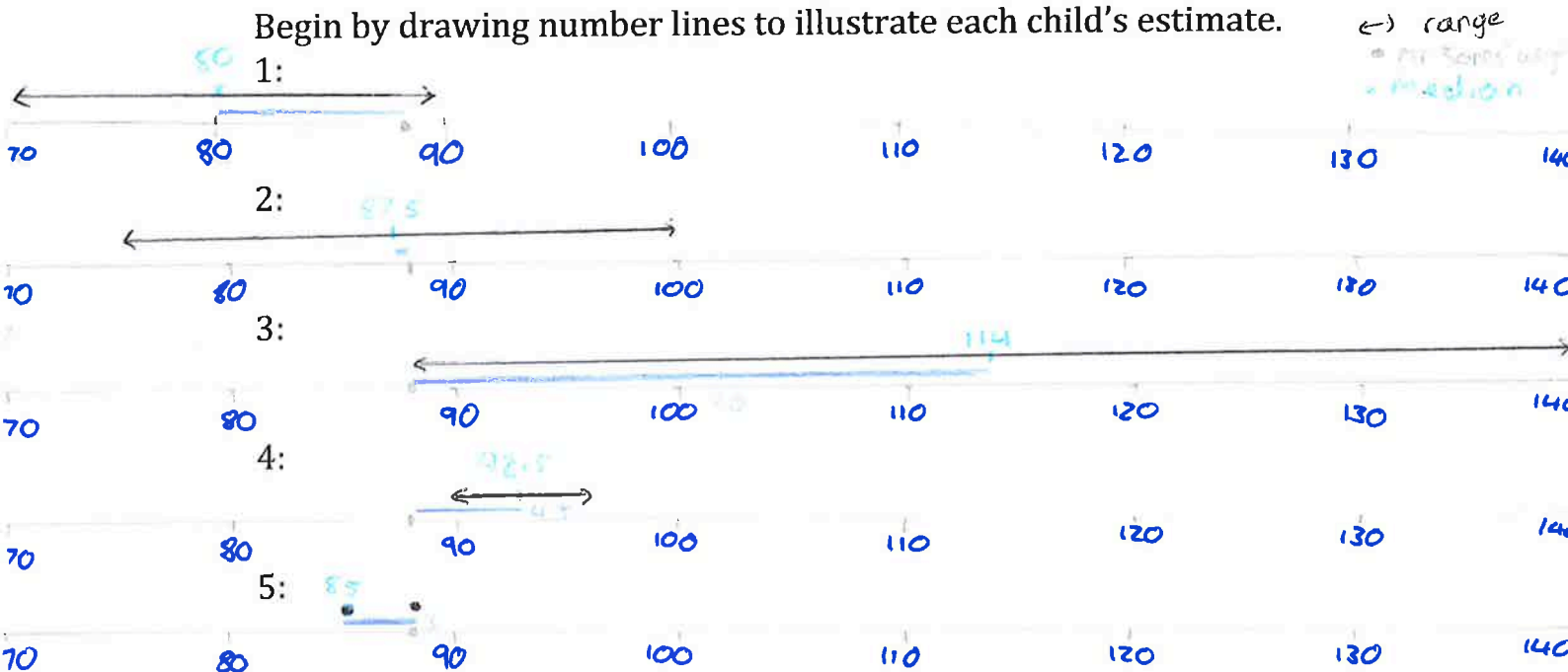
How would you score it?

A game was played at a fair in which children guessed the weight of Mr. Jones, the rugby teacher. Five children made the following guesses:

1. Between 70 kg and 90 kg
2. Between 75 kg and 100 kg
3. Between 88 kg and 140 kg
4. Between 90 kg and 95 kg
5. 85kg exactly

Mr. Jones' real weight was 88kg; our task was to construct a scoring system that penalises wide ranges and rewards medians' proximity to Mr. Jones' weight.

Begin by drawing number lines to illustrate each child's estimate.



Then form your own scoring system. I chose for each child to begin with 100 points. Their range and accuracy is then subtracted with the highest scoring child winning.

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|---------------|-----------------|
| Child 1- 72.0 | First: child 5 |
| Child 2- 74.5 | Second: child 4 |
| Child 3- 22.0 | Third: child 2 |
| Child 4- 90.5 | Fourth: child 1 |
| Child 5- 96.0 | Fifth: child 3 |

Child	Range	Median to weight	Score
1	20	10	100 - 28
2	25	0.5	100 - 25.5
3	52	26	100 - 78
4	5	4.5	100 - 9.5
5	1	3	100 - 4