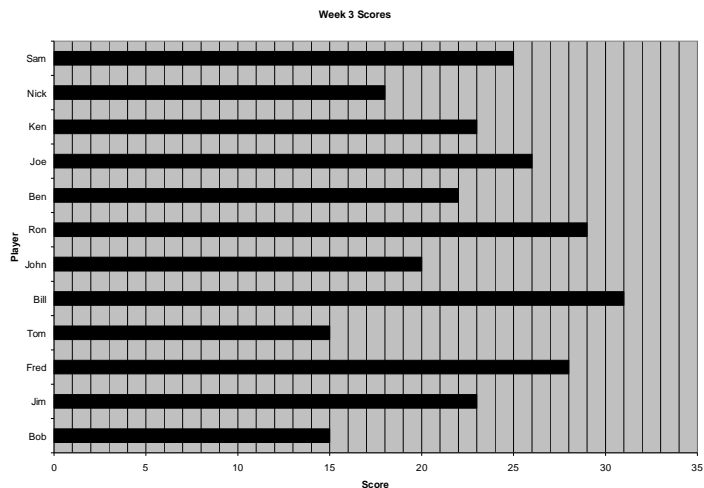
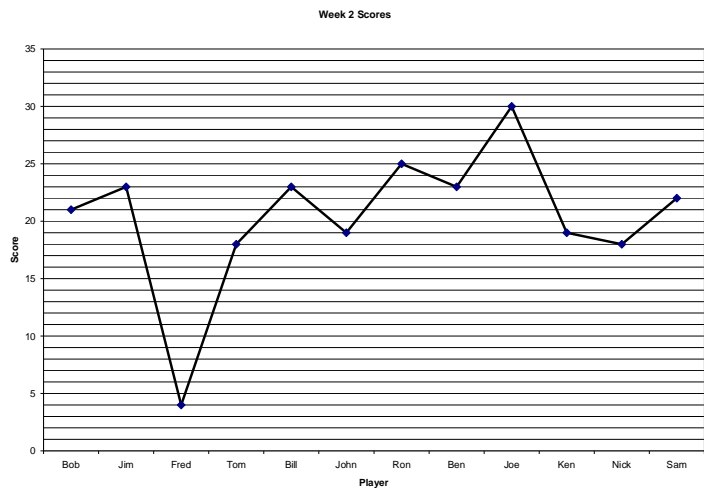
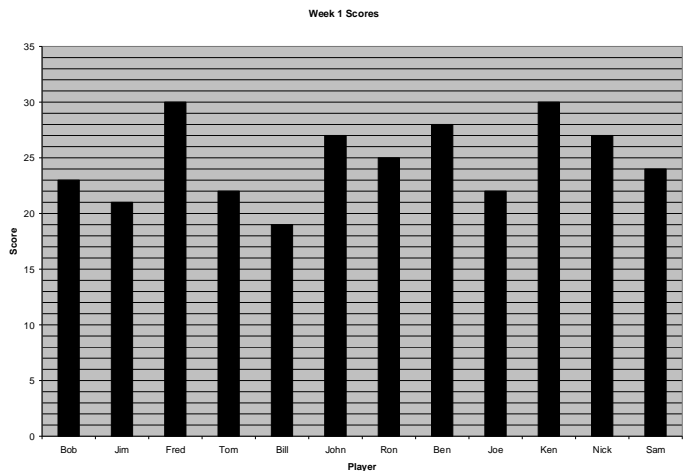


LO – To be able to extract data from graphs and find averages
Name _____

A group of men play in a weekly cards tournament. Points are awarded for winning games. as shown in the graphs on the left

Study the information and fill out the table below, **showing any workings on the back of the page** (writing a table of the scores from each week may help in answering the questions)



Core Questions (Round all answers to one decimal place)

Total number of points scored in week 1	Total number of points scored in week 2	Total number of points scored in week 3	Range of points scored in week 3
Median points score from week 1	Range of points scored in week 1	Mean points score in week 2	Range of scores after all 3 weeks
Range of Scores in week 3	Mean points score from week 1	Highest scorer in week 2	Median score from week 3
Player with the lowest total score after 3 weeks (with number)	Median score from week 1	Mean points score from week 3	Player with the highest total score after 3 weeks (with number)
Player with the highest mean score over the 3 weeks (with number)	Total Mean points scored after 3 weeks	Mode of points scored after 3 weeks	Median score from all 3 weeks

Extension Questions

Find the probability someone chosen from week 1 has scored 22 or more	Find the percentage of players who have a total mean of higher than 20 for the 3 weeks	What is the ratio of scores over 20 to scores 20 or under from week 2 (simplify it if the ratio reduces)	What fraction of the players have a mean between 15 and 25 (both inclusive)
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Name	Week 1	Week 2	Week 3
1 Bob	23	21	15
2 Jim	21	23	23
3 Fred	30	4	28
4 Tom	22	18	15
5 Bill	19	23	31
6 John	27	19	20
7 Ron	25	25	29
8 Ben	28	23	22
9 Joe	22	30	26
10 Ken	30	19	23
11 Nick	27	18	18
12 Sam	24	22	25
	298	245	275