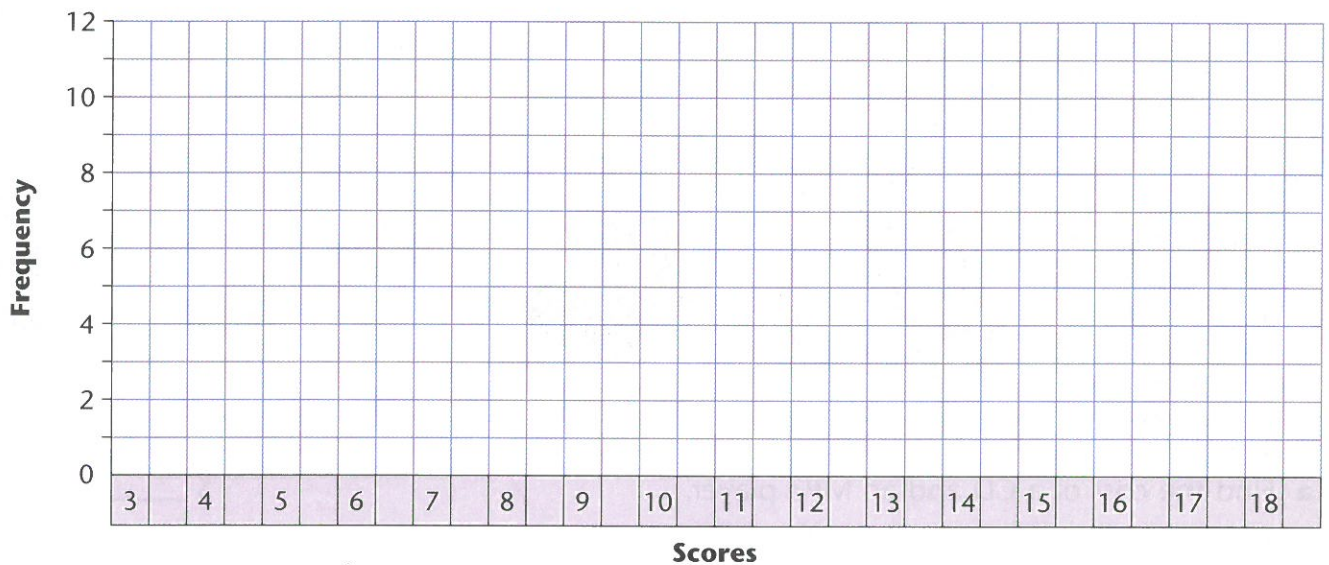


13 Testing conjectures

- a Tom said that the most frequently occurring total when you roll 3 dice is 6, do you agree? _____
- b Predict the most likely score from rolling 3 dice. _____
- c Roll 3 dice 60 times. Use tally marks to record the number of times each score occurs then transfer this information onto a column graph.



3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18



- d What was the most frequently occurring score? _____
- e Explain why it would be more likely to throw a score of 11 than a score of 3.

14 Answer true or false to these events happening when 3 dice are thrown.

- a The chance of rolling total scores of 3 or 18 is the same. _____
- b The chance of rolling a total score that is an even number is about 0.5. _____
- c The chance of rolling a 2 is about 0.2. _____
- d The chance of rolling a total score greater than 18 is zero. _____
- e It is more likely that you would roll a total of 10 than 17. _____
- f 4 and 12 would have about the same chance of being rolled. _____

