

List of selected exercises

1 Recommended Exercises from JR

701, 702, 703, 704, 705, 706, 707

2 In-class Exercises

1. Elin performs 100 independent repeated measurements of gravity acceleration. The measurements have an average value of 3.145 and a standard deviation of 0.012.
 - (a) Calculate a 99% confidence interval for the value of the gravity acceleration.
 - (b) An item has mass 8kg, calculate a 99% confidence interval for the value of weight of this item.

Answer: a) [3.142, 3.148], b) [25.136, 25.184].