



- 7.1.1 Voltooi die tabel in jou Antwoordboek en toon die punte verspreiding van beide klasse deur 'n Mond-en-Snordigram te teken. (6)
- 7.1.2 Watter klas se punte is die wydste verspreid? Verduidelik jou antwoord kortliks deur 'n rede te gee. (2)
- 7.2 Die onderstaande tabel bevat die gemiddeld, mediaan, standaardafwyking en omvang van 'n groot groep leerders se eksamenuitslae vir Vraestel I en Vraestel II in Wiskunde:
- 7.1.1 Complete the table in your Answer Book and display the distribution of marks of both classes by drawing Box- and whisker diagrams. (6)
- 7.1.2 Which class' marks distribution is more spread out? Explain your answer shortly by supplying a reason. (2)
- 7.2 The table below contains the mean, median, standard deviation and range of a large group of learners' exam results for Paper I and Paper II in Mathematics:

Eksamen <i>Exam</i>	Gemiddeld <i>Mean</i>	Mediaan <i>Median</i>	Standaardafwyking <i>Standard deviation</i>	Omvang <i>Range</i>
Vraestel I <i>Paper I</i>	46,1	46	15,2	91
Vraestel II <i>Paper II</i>	60,3	60	11,6	70

- 7.2.1 Johannes is 'n leerder wat 54 punte in Vraestel I en 56 punte in Vraestel II behaal het. Veronderstel die leerders was in volgorde van hoogste na laagste prestasie volgens die uitslae geplaas. Is Johannes se posisie beter in Vraestel I of Vraestel II? Verduidelik. (2)
- 7.2.2 Die Wiskunde onderwyser het vier punte by elke leerder se uitslae bygetel vir Vraestel I. Skryf die gemiddeld, mediaan, standaard afwyking en omvang vir die nuwe stel uitslae van Vraestel I neer. (2)
- 7.2.3 Daar was 50 leerders in die groep en die punte in die top 10% van die leerders in Vraestel II se punte was elk met drie punte verminder. Skryf die mediaan en omvang vir die nuwe stel uitslae van Vraestel II neer. (1)
- 7.2.1 John is a learner who achieved 54 marks in Paper I and 56 marks in Paper II. Suppose that the learners were ranked from the highest to the lowest achievement according to their results. Is John's ranking better in Paper I or in Paper II? Explain. (2)
- 7.2.2 The Mathematics teacher added four marks to each learner's result for Paper I. Write down the mean, median, standard deviation and range for the new set of results for Paper I. (2)
- 7.2.3 There were 50 learners in the group and the marks of the top 10% of the learners in Paper II were each reduced with three marks. Write down the median and range for the new set of results for Paper II. (1)

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