3.3	Steven is a medical student. He is doing research on the usefulness of	
	calculating a persons' body mass index.	

Doctors check your body size by measuring your weight and height. This calculation is known as your body mass index (BMI). Research has shown that people within a "Normal" range of body size tend to live the longest and enjoy the best health. One should however remember that your BMI is only one guide to your overall health.

The scale below is used to classify the individual's weight status:

BMI	CLASSIFICATION	
Below 18.4	Underweight	
18.5 - 24.9	Normal weight	
25.0 - 29.9	Over-weight	
30.0 and above	Obese	

The table below gives the height (in meters), weight (in kilograms) and the BMI of 10 well known celebrities:

Name	Height in metres	Weight in kg	BMI (kg/m²)	
Kate Moss	1.70	48	17	
Gwyneth Paltrow	1.75	51	17	
Victoria Beckham	1.67	48	17	
Britney Spears	1.65	48	18	
Angelina Jolie	1.70	54	19	
Jennifer Lopez	1.67	54	19	
Kate Winslet	1.73	59	20	
Tyra Banks	1.78	73	23	
Antonio Banderas	1.83	78	23	
Arnold Schwarzeneoger	1.88	117	33	

Use the information given above and answer the following questions.

3.3.1	3.3.1 Using the BMI, calculate the range of the data.		(2)
- F: X:	Range = 33 - 17 MA	1MA 33 - 17	L1 D
	= 16 × A	1A 16	D

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DP Hallahan

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The Top Books of the Year Grade11 Maths Literacy Paper 1 Final Exam 2014 Memorandum The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous captivating novels enthralling the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the captivating narratives that have charmed audiences this year. The Must-Read: Colleen Hoovers "It Ends with Us" This touching tale of love, loss, and resilience has gripped readers with its raw and emotional exploration of domestic abuse. Hoover skillfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph. Grade11 Maths Literacy Paper 1 Final Exam 2014 Memorandum: Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This intriguing historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids captivating storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and selfdiscovery. Grade11 Maths Literacy Paper 1 Final Exam 2014 Memorandum: Delia Owens "Where the Crawdads Sing" This captivating coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens crafts a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of engaging stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a exceptional and suspenseful novel that will keep you speculating until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

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