

Measurement

Conversions in the metric system

The metric system

In South Africa, we use the metric system for measurement. In the metric system, all units are multiples of 10 of each other.

Convert units of measurement from memory

Converting units of length:

The following diagram shows how to easily convert between the most often-used units:



Example:

Convert the following:

- 1 (a) 3 km to m (b) 3,5 km to m (c) 3,65 m to cm (d) 25,8 km to mm
2 (a) 2 000 m to km (b) 1 560 m to km (c) 3 489 cm to m (d) 230 mm to cm

Solutions:

- 1 (a) km to m: $\times 1\,000$. Therefore: $3\text{ km} \times 1\,000 = 3\,000\text{ m}$
(If there are 1 000 m in 1 km, then there must be 3 000 m in 3 km.)
(b) km to m: $\times 1\,000$. Therefore: $3,5\text{ km} \times 1\,000 = 3\,500\text{ m}$
(3,5 km is just a little larger than 3 km, so there must be a little more than 3 000 m in the answer.)
(c) m to cm: $\times 100$. Therefore: $3,65\text{ m} \times 100 = 365\text{ cm}$
(d) km to m: $\times 1\,000$ and m to mm: $\times 1\,000$.
Therefore km to m: $\times 1\,000 \times 1\,000 = \times 1\,000\,000$
Therefore $25,8\text{ km} \times 1\,000\,000 = 25\,800\,000\text{ mm}$
- 2 (a) m to km: $\div 1\,000$. Therefore: $2\,000\text{ m} \div 1\,000 = 2\text{ km}$
(Remember the rule "Divide Up". This means that when going to a larger unit ("Up") you should divide.)
(b) m to km: $\div 1\,000$. Therefore: $1\,560\text{ m} \div 1\,000 = 1,56\text{ km}$

Question Paper 2 Maths Litrecy 2014 Grade 10

Emilie Sanchez



Question Paper 2 Maths Litrecy 2014 Grade 10:

Question Paper 2 Maths Litrecy 2014 Grade 10: Bestsellers in 2023 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 top-selling books, exploring the engaging narratives that have charmed audiences this year. The Must-Read : Colleen Hoover's "It Ends with Us" This poignant 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 succeed. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Question Paper 2 Maths Litrecy 2014 Grade 10 : Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens spins 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 gripping 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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