



Hartsdown Numeracy Newsletter 8

ANNOUNCEMENT

YEAR 10
ONLINE
WEEKEND
REVISION



DID YOU
KNOW?



What has maths got to do with Mozart and Moby-Dick?

Session 1: Saturday 22nd May at 11am
Using a calculator

<https://classroom.google.com/c/MjA2MDM2MjE3Nzlw>

Session 2: 23rd May at 3pm

Tree diagrams

<https://classroom.google.com/c/MjA2MDM2MjE3Nzlw>

*"Herman Melville, he really liked **mathematics** – you can see it in his books," Hart, a professor at Birkbeck, University of London, says during a February talk on "Mathematical Journeys into Fictional Worlds".*

"When he's reaching for an allusion or a metaphor, he'll often pick a mathematical one," she says. "Moby-Dick has loads of lovely juicy mathematics in it."



Careers in Maths

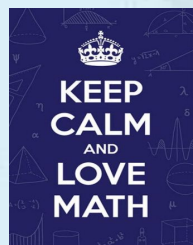
Aerospace engineer

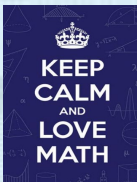


Aerospace engineering is the primary field of engineering concerned with the development of aircraft and spacecraft. It has two major and overlapping branches: aeronautical engineering and astronautical engineering. Avionics engineering is similar, but deals with the electronics side of aerospace engineering.

In mathematics, an **inequality** is a relation which makes a non-equal comparison between two numbers or other mathematical expressions. It is used most often to compare two numbers on the number line by their size

- математика неравенство
- inegalitatea matematică
- matematická nerovnosť
- matematička nejednakost
- 數學不等式
- matemātikas nevienlīdzība





Maths Star of the Week KS3

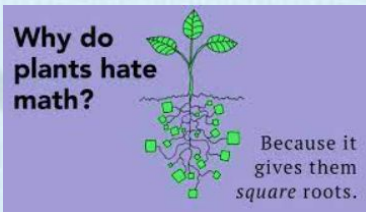
- 7s - Blinor
- 7t - Luke
- 7e - Finlay H
- 8s - Kacey
- 8r - Macy-Rose
- 9s - Samuel
- 9t - Rihanna
- 9r - Sammy
- 9v - Martin

Maths Star of the Week KS4&5

- 10S-*Hannah*
- 10T-*Chloe L.*
- 10I- *Summer*
- 10V- *Ellie*

- 11T- *Jessica*
- 11R- *Markus*
- 11I- *Nathan*

6th Form:
David R



MATHS PUZZLES

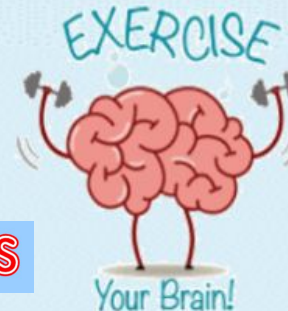
Albert and Bernard just became friends with Cheryl, and they want to know when her birthday is. Cheryl gives them a list of 10 possible dates.

- May 15 May 16 May 19
- June 17 June 18
- July 14. July 16
- August 14. August 15. August 17

Cheryl then tells Bernard and Albert separately the month and the day of her birthday respectively.

Albert: I don't know when Cheryl's birthday is, but I know that Bernard does not know too.
 Bernard: At first I don't know when Cheryl's birthday is, but I know now.
 Albert: Then I also know when Cheryl's birthday is.

When is Cheryl's birthday?



Submit your answer to mazurekk@hartsdown.org