



# Hartsdown Numeracy Newsletter 7

**ANNOUNCEMENT**

**YEAR 10  
ONLINE  
WEEKEND  
REVISION**

**DID YOU  
KNOW?**



**Session 1: Saturday 1st May at 11am**  
*Finding terms in a sequence (nth term)*

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

**Session 2: 2nd May at 3pm**

*Forming and solving equations*

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

[The Mathematical Search for the Perfect Cup of coffee](#)

*Professor William Lee from the University of Huddersfield talks about his mathematical research into the science of brewing coffee.*

On average every person in the UK drinks two cups of coffee a day. I contribute to that statistic by relying on several cups of coffee first thing in the morning to help me wake up. (I am not at my brightest in the morning.) Just after lunch I usually need another cup of coffee prepared by the cheerful staff at one of the University of Huddersfield's many coffee outlets.

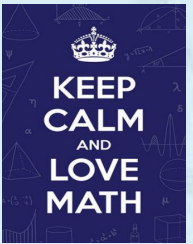
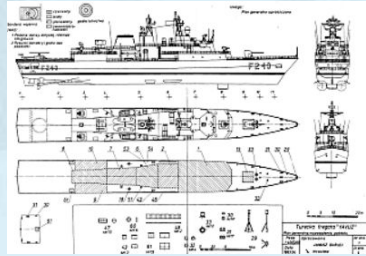


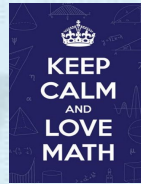
**Careers in Maths**

[Warship Signatures Engineer](#)



*Systems design and manufacture advanced defence technology to protect people and protect national security. They design aircraft, warships, land vehicles and also deliver support to the cyber security sector. The company is great to work for and my work is really interesting! I work in the Naval Ships 'signatures' team where I'm responsible for designing warships for stealth.*





## Maths Star of the Week KS3

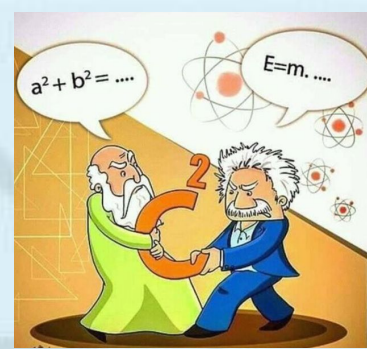
9s - Leticia  
9t - Rihanna  
9r - Maria  
9v - Kai

## Maths Star of the Week KS4&5

10S-Zeke  
10T- Chloe  
10I- Bakery  
10V- Ivana

11S - Louis  
11T- Luke  
11R- Ethan  
11I- Bradley

6th Form:  
Leo, Jo



There are 5 ships in a port:

1. The Greek ship leaves at six and carries coffee.
2. The Ship in the middle has a black exterior.
3. The English ship leaves at nine.
4. The French ship with blue exterior is to the left of a ship that carries coffee.
5. To the right of the ship carrying cocoa is a ship going to Marseille.
6. The Brazilian ship is heading for Manila.
7. Next to the ship carrying rice is a ship with a green exterior.
8. A ship going to Genoa leaves at five.
9. The Spanish ship leaves at seven and is to the right of the ship going to Marseille.
10. The ship with a red exterior goes to Hamburg.
11. Next to the ship leaving at seven is a ship with a white exterior.
12. The ship on the border carries corn.
13. The ship with a black exterior leaves at eight.
14. The ship carrying corn is anchored next to the ship carrying rice.
15. The ship to Hamburg leaves at six.

Which ship goes to Port Said? Which ship carries tea?

(Note: 'to the right' means anywhere on the right side from the given point, not only right next to. Likewise for left.)



Submit your answer to [mazurekk@hartsdown.org](mailto:mazurekk@hartsdown.org)