Hartsdown Numeracy Newsletter 3

Construct

Word of the week

Arabic: يُنْشِئُ

Brazilian Portuguese: construir.

Chinese: 建造

Croatian: izgraditi.

Czech: postavit.

Danish: konstruere.

Dutch: bouwen.

European Spanish: construir.
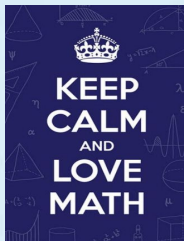
Hegartymaths Champions of the week

Year 7 - Mason 136 correct questions ✓

Year 8 - Kimberly 129 correct questions ✓

Year 9 - Callum M 67 correct questions ✓

Year 10 - Harry B 361 correct questions ✓

Year 11 - Ronan 244 correct questions ✓

KEEP CALM AND LOVE MATH

DID YOU KNOW?
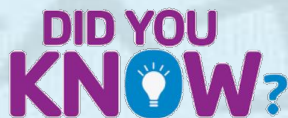
March 14 marks Pi Day, an annual celebration of the mathematical sign pi. Founded in 1988 by physicist Larry Shaw, March 14 was selected because the numerical date (3.14) represents the first three digits of pi, and it also happens to be Albert Einstein's birthday—the perfect pi-incidence.

RESOURCES

hegartymaths

Corbettmaths

rw read&write

π piday QUIZ!

[Recite up to 150 digits of pi using your memory, how many digits can you memorize?](#)
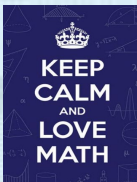
Maths Star of the Week KS3

7s - Ellie K
7t - Noah
7r - Muhammed
7v - Ella P
7e - Jordy M
8s - Alfie B
8t - Reece M
8r - Brandon C
8v - Megan R
8e - Mimi
9s - Glorija
9t - Holly R
9r - Sky
9v - Alexandra T

Maths Star of the Week KS4&5

10S Callum S
10T Gambith V
10I Alfie B
10V Marcela B

11S Jamie H
11T Molly C
11R Maddie R
11I Jess M

6th Form
Ben J, Endjis Z

KEEP CALM AND LOVE MATH

Best Value Pizzas

Below is a menu from Twinkl Pizza House. The Pizza House sells pizzas based on their diameter in inches.

1. Calculate the area of the top of each pizza, giving your answers correct to 1 decimal place, then use this information to find out which pizza is the best value for money.
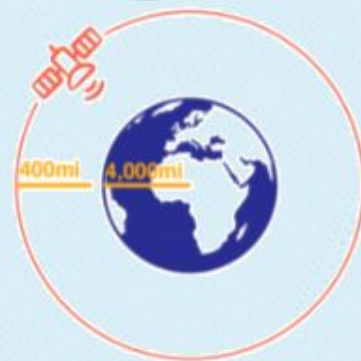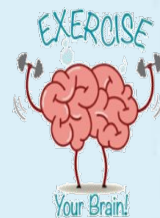
2. Which is the best special offer?

Menu

Margherita	10" Personal	£6.99
Hawaiian	12"	£9.50
BBQ Chicken	14"	£10.99
Meat Feast	18" Family	£15.99
Veggie Deluxe	20" XL	£19.20

Special Offers

Buy two personal pizzas for £9.99.

Buy two, get one free, on family size 18" pizzas only.

Two for Thursday: buy one XL pizza and get a 14" pizza free.

EXERCISE Your Brain!

piday

A satellite in a circular orbit rotates around the Earth every 120 minutes. If the Earth's radius is 4000 miles at sea level, and the satellite's orbits is 400 miles above the sea level, approximately what distance does the satellite travel in 40 minutes?

400mi 4,000mi

Submit your answer to mazurekk@hartsdown.org