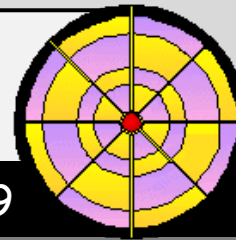


# The Daily Rigour



Sun 14<sup>th</sup> March 2021

Issue No. 239

Your free weekly numeracy newspaper!

## World celebrates Pi Day 2021

Pi Day is celebrated on March the 14<sup>th</sup> around the world although it should be more appropriate in countries that use the M/DD format for writing the date.

Pi (Greek letter "π") is the symbol used in maths to represent a constant. It is the ratio of the circumference of ANY circle to its diameter.

It is infinite in length and is equal to 3.14 rounded to 2 decimal places.

Many maths enthusiasts use Pi Day as an annual opportunity to recite the infinite digits of Pi.

Shown below is a π rounded to 10 decimal places with stars covering up some of the numbers.

3 . 1 ★ 1 5 ★ 2 ★ 5 3 ★

(a) Write down the value of Pi to 10 decimal places - use the clues to help you!

(b) Look over your answer and get someone to test you to see if you can memorise Pi to 10 decimal places!

3.14159265358979323846264338327950288419716939937  
51058209749445923078164062862089986280348253421  
1706798214808651328235368169179270265605522317253  
694081284811176608930665937461284756482337867  
954930381964400810971666593461284756482337867  
83165271201909145648796923824348610454326648213  
393607260249141273762658700006315588174881520920  
96282925409171636407789259460011330530548820466  
52138441469519415094338070367595919530921861  
1738193261179310564807493795274956735188575  
2724891227938111949129322440656664303602  
1394946395224751907021798609437027706392171762931  
767523846748184676694051320005681271452635608277

★ = 10% of 40

★ =  $\frac{3}{4}$  of 12

★ =  $\sqrt{36}$

★ =  $-2 + 7$

Clues

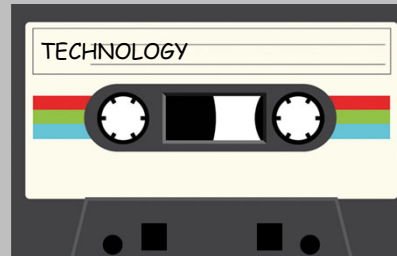
## Audio Cassette tape inventor Lou Ottens dies aged 94

Lou Ottens, the Dutch engineer credited with inventing the audio cassette tape, has died aged 94.

An estimated 100 billion cassette tapes have been sold around the world since they were introduced in the 1960s.

Long before streaming (and even CD's!) music was stored and listen to on audio cassette tapes as shown in the picture.

How many 2D shapes can you see and name in the picture?



## Tommy Sheridan in Numeracy misconception on Twitter!

The Scottish politician tweeted the message shown this week.

Tommy Sheridan @citizentommy POLITICS

There are 68 million adults in the UK. Giving each adult £500k to stay indoors for 6 months would have crushed the transmission of Covid19. That strategy would have been cheaper than Tory Test & Trace which has cost £37 billion without a single identifiable benefit. SERCO thieves

(a) Can you explain why Tommy is not correct?

(b) How much would each adult actually receive if £37 billion was shared equally amongst 68 million?

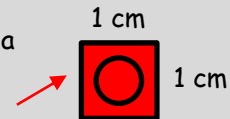
## Lego plans hiring spree for digital growth drive

Danish toy giant Lego plans to recruit hundreds of computer experts in the UK, Denmark and China to expand its digital games and online sales operation.



Did you know that Lego can be a fun way to practise maths?

Let us assume that this plastic brick measures 1 centimetre by 1 centimetre.



(a) What is the perimeter the shape shown?

(b) What is the area of this shape?

(c) Can you draw a shape that has the same number for the perimeter and area?

(d) Can you draw any more?

