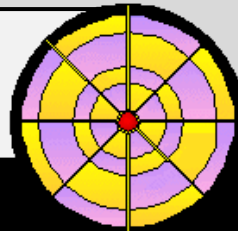


# The Daily Rigour

Sun 4<sup>th</sup> November 2018

Issue No. 126



Your free weekly numeracy newspaper!

## World's longest sea-crossing bridge opens connecting Hong Kong, Zhuhai And Macau Bridge

The highly anticipated Hong Kong-Zhuhai-Macau Bridge opened last Wednesday, with Chinese President Xi Jinping attending an opening ceremony the day before.



Connecting Hong Kong and Macau to Zhuhai, the bridge is 34 miles long - making it 14 miles longer than the width of the English Channel!

420 000 tons of steel was used to make the bridge - that's 60 times the amount of steel used to build the Eiffel Tower.

The project is believed to have cost 130 billion Yuan.

Officials say that it will help businesses by cutting travel time by a whopping 60 percent.

The exchange rate is:

£1 = 8.95 Chinese Yuan

**\*\*READ THE NEWS ARTICLE CAREFULLY  
TO FIND THE INFORMATION YOU NEED  
TO ANSWER THE QUESTIONS\*\***

- What is the width of the English Channel?
- How many tons of steel were used to build the Eiffel Tower?
- How much did it cost to build the Hong Kong-Zhuhai-Macau bridge in pounds? Round your answer to the nearest billion!
- Write the percentage of travel time saved as a fraction and a decimal.

## Couples will soon be able to get married in McDonald's

Under new Budget plans, couples across the country will be granted permission to get married in just about any establishment they like, whether that be at the pub - or even their favourite McDonalds!

As of July 2018, the average cost for food and drink for a wedding party of 100 is £5862. How much would a couple save on their bill in total if they could offer Big Mac meals priced at £4.29 per person?



Cdmasterworks Ltd

## Commemorative 50p coin to mark Brexit

A commemorative 50p coin will be issued to mark the UK's departure from the European Union next year.

The coin will feature the Queen's head and the date the 29<sup>th</sup> of March 2019



and on the reverse the phrase "Friendship with all nations".

Assume the coin is in the shape of a seven sided, regular polygon.

- What is the name of a seven sided polygon?
- Calculate the interior angle shaded pink on the picture - HARDER.

## Band of England wants YOU to vote on the face of a new £50 note!

The Bank of England are creating a new £50 note. They want it to feature someone who's contributed to science or mathematics. And they need your help to decide who that should be. **\*\*Cough, cough Rigourman!\*\***

You can tweet your design to them @bankofengland using the hash tag #ThinkScience by the 14<sup>th</sup> of December.

If you decided to feature Rigourman on your design be sure to tweet @cdmasterworks using the hash tag #DailyRigour.

If you are using the PDF version of this you can design your own £50 note for the bank of England by clicking [here](#).

