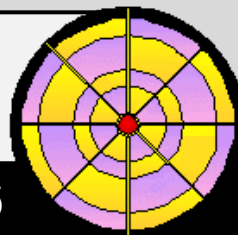


The Daily Rigour

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Your free weekly numeracy newspaper!

Earth Hour 2022 aims to raise awareness against climate change

Earth Hour is a worldwide movement encouraging individuals, communities and businesses to turn off non-essential electric lights for one hour from 8:30 pm until 9:30 pm. This year's Earth Hour took place on Saturday.

(a) For how many seconds did it last?

If you were not aware of this and would like to participate in 2023, the next Earth Hour takes place 363 from the date of this newspaper.

(b) On what date will Earth Hour 2023 occur?



Spotify paid 130 artists more than \$5m last year

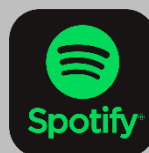
Spotify has revealed it paid \$7bn to music industry rights holders last year, accounting for almost 25% of the industry's total revenues. The streaming giant said 52 600 artists earned more than \$10 000 from Spotify in 2021. Of those, 130 were paid more than \$5m over the last 12 months. Spotify didn't name any of the artists involved, but did reveal its most streamed acts of the past year.

We have listed them below but with all of their letters covered up. In order to help you figure them out we have given you a clue for the first letter of both artist and song title.

The answer to each calculation corresponds to the number of the letter of the alphabet that the song or artist starts with, e.g. a = 1, b = 2, etc.

How many songs titles and artists can you work out?

Top 5 most streamed songs on Spotify in 2021		
no	Artist	Song title
1.	<u>3 × 5</u> _____ / _____	<u>8 ÷ 2</u> _____ / _____
2.	<u>√144</u> ____ / ____ / ____	<u>√9</u> ____ / ____ / ____ / ____ / ____
3.	<u>100 ÷ 5</u> ____ / ____ / _____	<u>30 - 11</u> ____
4.	<u>1.5 × 10</u> _____ / _____	<u>√49</u> ____ / ____
5.	<u>2²</u> ____ / ____	<u>60 ÷ 5</u> _____



England schools set for minimum week length in new rules

All schools in England will have to open for at least 32.5 hours a week, under government plans due to be published this week.



The rule will start next September and currently 14% of all schools are thought to be open fewer than 32 hours a week.

A school wishes to be open for 32.5 hours a week and have the same finish time each day from Monday to Friday.

If they want to begin each school day at 8:45 am, what time will they need to finish at?

Mobile loophole for gaming drivers is closed

A loophole allowing drivers to escape punishment for handheld phone use if they are taking a photo or playing a game has closed in the UK.



People can now be fined up to £1000 and receive six points on their licence for scrolling through playlists or taking pictures on a handheld device.

You can accumulate penalty points or 'endorsements' for a range of driving offences. These include:

- speeding (3 - 6 penalty points)
- using a mobile phone (6 penalty points)
- drunk in charge (10 points)
- driving without due care (3 - 9 points)
- driving without insurance (6 points)

A driver, who has held their licence for over 2 years, will get a driving ban if they receive 12 or more points within a 3 year period.

- (a) What would be the minimum number of offences committed for this to happen?
- (b) What could be the maximum number of offences committed for this to happen?