



Maths in THE GUINNESS WORLD RECORDS

Read the Guinness World Records and do the mathematical tasks elicited from them.



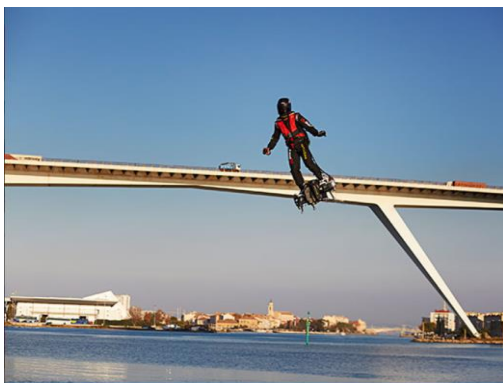
Most backflips with a water jet pack in one minute

The most backflips with a water jet pack in one minute is 29 and was achieved by Liu He (China) in Xi'an, Shaanxi, China, on 10 October 2016.

1. **Estimate** the number of backflips Liu He can make in **3 minutes**.

Farthest flight by hoverboard

The farthest flight by hoverboard is 2,252.4 m (7,389 ft 9 in) and was achieved by Franky Zapata (France), in Sausset-les-Pins, France, on 30 April 2016.



2. **What day** was it when the record was broken?
3. What can you say about the **year 2016**?

Largest Game Boy

The largest Game Boy is 1.01 m tall, 0.62 m wide and 0.2 metres deep, and was created by Ilhan Ünal (Belgium) as measured in Antwerp, Belgium, on 13 November 2016.



4. Convert to cm:

- a) 1.01m
- b) 0.62m
- c) 0.2m

Largest toad (species)

The largest toad is the cane or marine toad, native to South America. An average specimen weighs 450 g (1 lb) – Megan needs both hands to hold this hefty hopper!
[At Reptile Gardens; see largest reptile zoo]



- 5. Is the average toad (in this species) less or more than a kilogram?
- 6. How many more / less than a kilogram is its mass?
- 7. Round the toad's average mass to the nearest 100.

Largest collection of sheep related items

Alessia Citti (Italy) holds the record for the largest collection of sheep related items, with 1,882 items. 🐑



8. Write the **number** of sheep in Alessia's collection in **words**.

9. What if Alessia wants to have a total of 1,900 sheep.

How many sheep does she need to **add** to her collection?

Longest fingernails on a pair of hands (female)

The longest fingernails on a pair of hands (female) belong to Ayanna Williams (USA), and have a combined total measurement of 576.4 cm (18 ft 10.9 in), as measured in Houston, Texas, USA, on 7 February 2017.



10. Convert 576 cm to metres.

11. Compare this length to something in real life.

Example: half the length of a limousine.

Longest duration with head fully covered in bees

Nature M S (India), more commonly known as “bee man” stayed with his head fully covered in bees for a staggering 4 hours 10 minutes and 5 seconds in Kerala, India, on 31 December 2017.



12. Convert 4 hours 10 minutes to minutes.

Look up more Guinness World Records on:

<https://kids.guinnessworldrecords.com/stories>