



Which is Greater?

Derek Knight

The background of the slide features a dark blue, slightly textured surface. Overlaid on this are the dark, silhouetted tails of three whales, positioned vertically and slightly overlapping each other. The tails are large and broad, with a distinct shape that tapers towards the top. The overall composition is minimalist and focuses on the comparison of weight between elephants and whales.

Which is Heavier?

50 AFRICAN ELEPHANTS

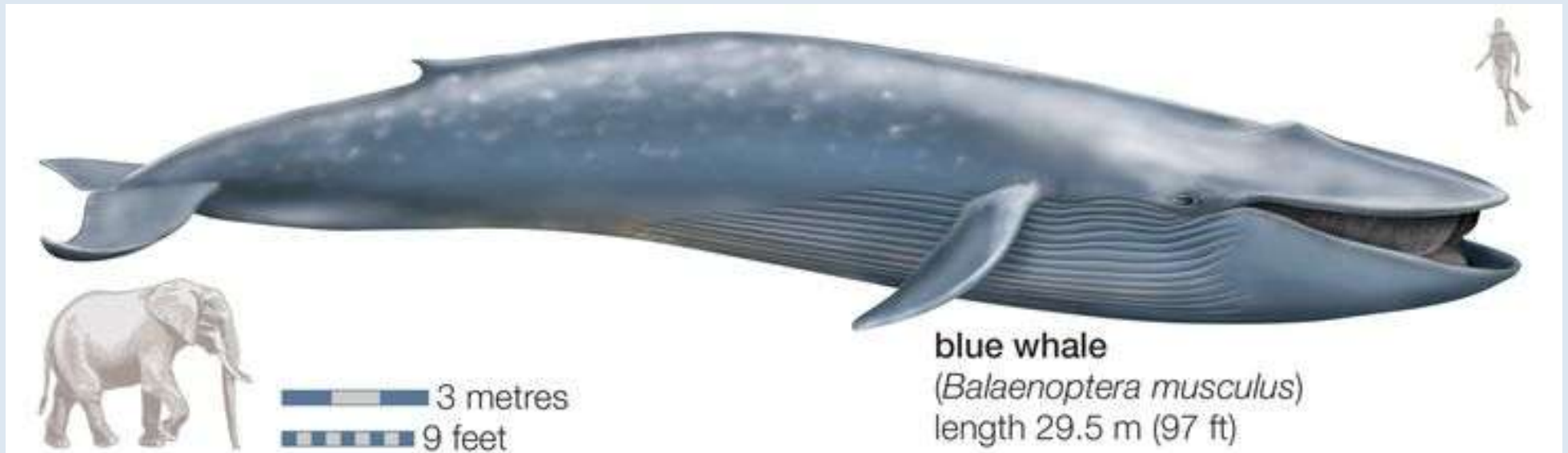
VS

A BLUE WHALE

50 AFRICAN ELEPHANTS

50 AFRICAN ELEPHANTS = 300 000 *kg*

BLUE WHALE = 100 000 *kg*





Which is larger?

THE MOON

VS

PLUTO



The moon

Earth's Moon



3,474.8 km
(diameter)

Pluto



2,368 km
(diameter)



A photograph of two kangaroos on a sandy beach. The larger kangaroo is on the left, and a smaller one is on the right. They are both looking out towards the ocean. In the background, there are rocky hills and a cloudy sky. The image is dimmed to allow text to be overlaid.

Who is faster?

USAIN BOLT

VS

KANGAROO



Kangaroo

USAIN BOLT = 44 km/hr.

KANGAROO = $50 - 70 \text{ km/hr.}$



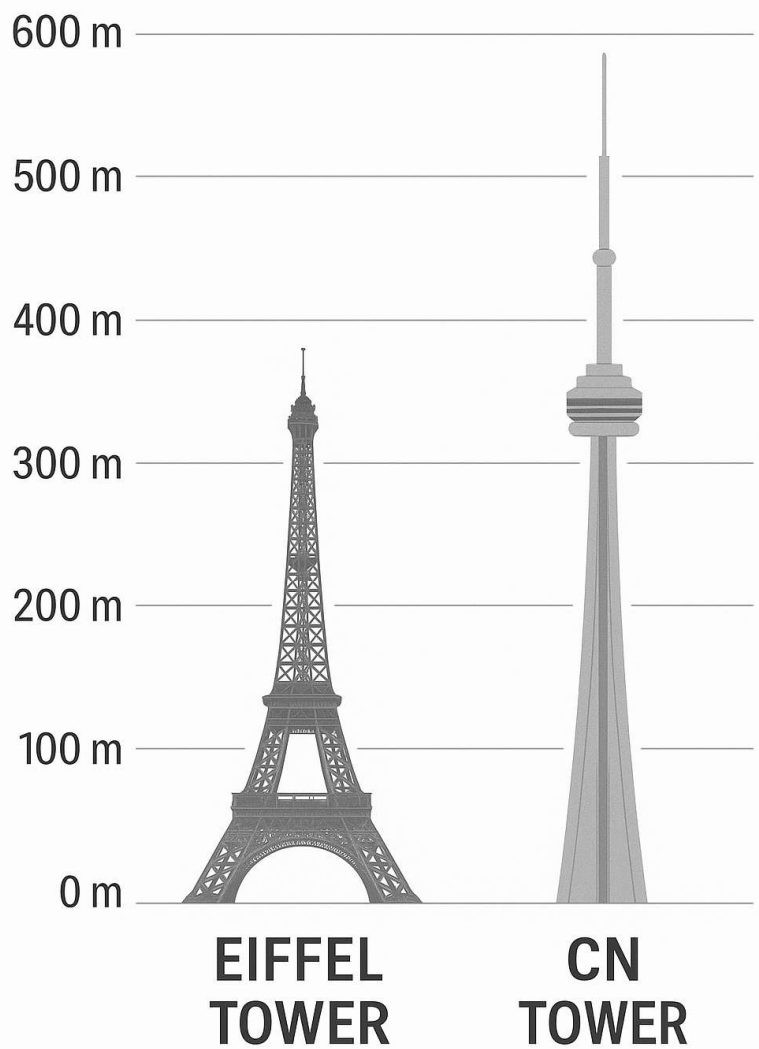
Which is taller?

EIFFEL TOWER

VS

CN TOWER





CN Tower

EIFFEL TOWER = 330 *m*

CN TOWER = 553 *m*

A photograph of a lone tree growing on a large, mossy rock in a forest. The tree has a thick trunk and a wide, flat canopy of green needles. The rock is dark and textured, with patches of green moss. The background is a dense forest of tall, thin trees, their trunks visible through the foliage. The overall scene is serene and natural.

Which is larger?

BC

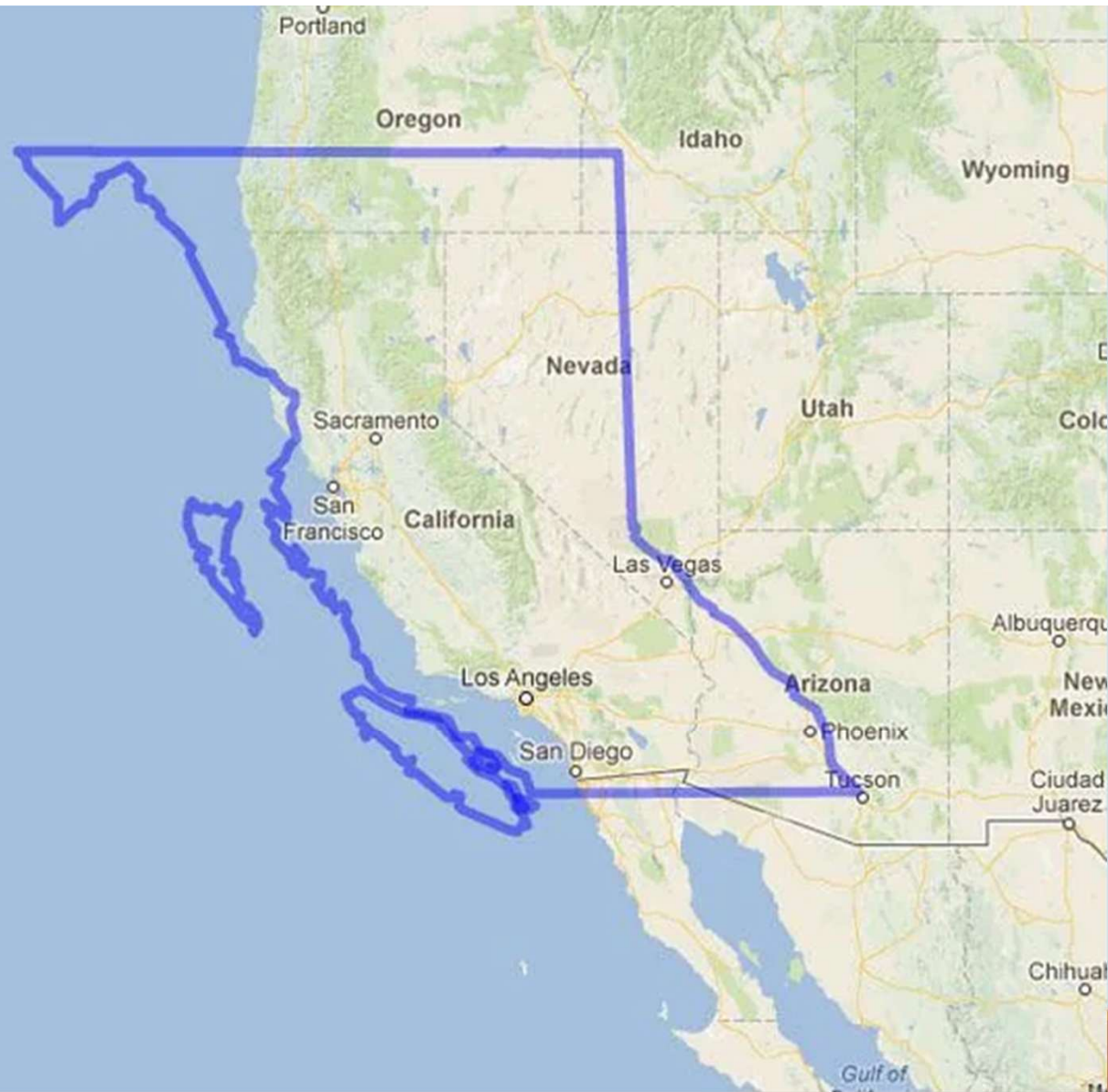
VS

CALIFORNIA

BC

BC = 944 735 km^2

CALIFORNIA = 423 970 km^2



A dark, stormy sky with a bright lightning bolt striking down on the right side. The background is a deep black with dark, swirling clouds. A thin white horizontal line is positioned above the main text.

Which is hotter?

THE SUN

VS

LIGHTNING

A solid orange horizontal bar at the bottom of the slide.



Lightning

THE SUN = 5 500 C

LIGHTNING = 27 700 C



Which is longer?

A MARATHON

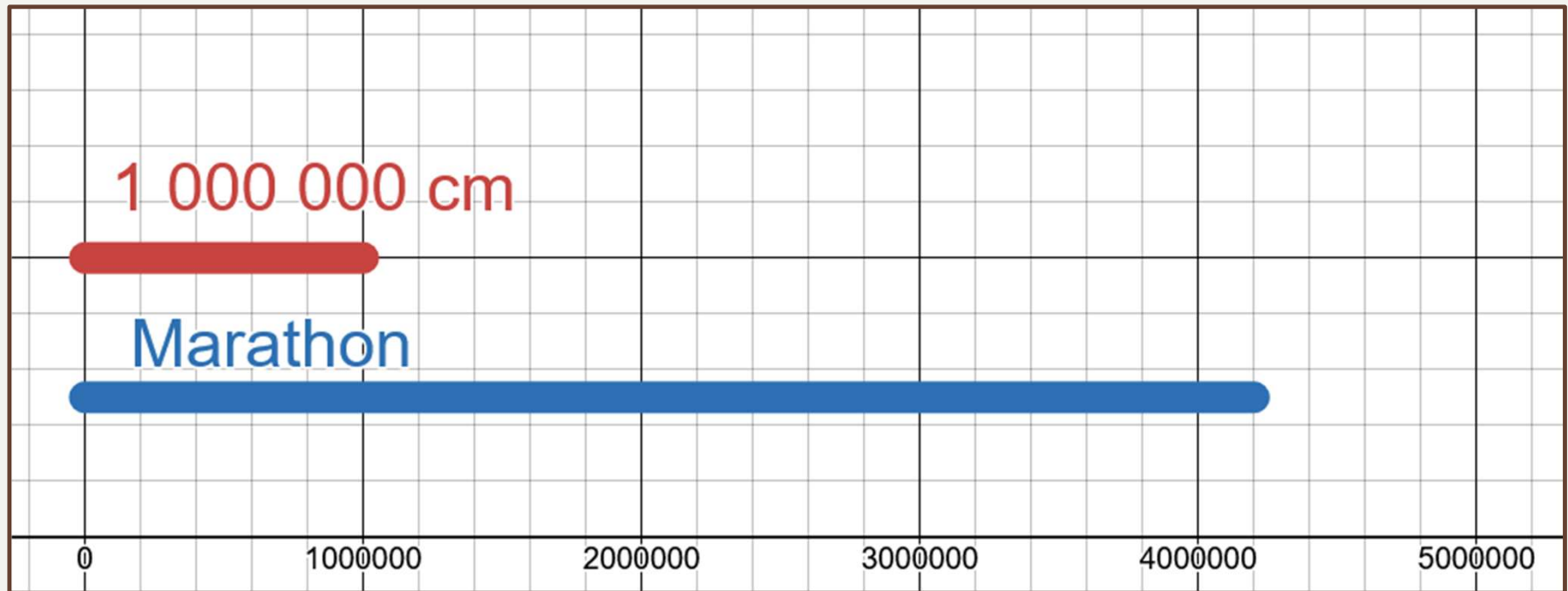
VS

1 000 000 CM

Marathon

MARATHON = $42\text{ km} = 42\,000\text{ m} = 4\,200\,000\text{ cm}$

$1\,000\,000\text{ CM} = 1\,000\,000\text{ cm}$



A close-up photograph of a vintage pocket watch with a white face and Roman numerals, resting on a bed of fine sand. The watch has a gold-colored case and a decorative winding crown. The background is a soft-focus view of the sand.

Which is greater?

NUMBER OF SECONDS IN A DAY

VS

NUMBER OF MINUTES IN A YEAR

Number of Minutes in a Year

$$\begin{aligned}\text{NUMBER OF SECONDS IN A DAY} &= 24 \frac{\text{hr}}{\text{day}} = 1\,440 \frac{\text{mins}}{\text{day}} = 86\,400 \frac{\text{seconds}}{\text{day}} \\ \text{NUMBER OF MINUTES IN A YEAR} &= 365 \frac{\text{days}}{\text{year}} = 8\,760 \frac{\text{hrs}}{\text{year}} = 525\,600 \frac{\text{Minutes}}{\text{year}}\end{aligned}$$



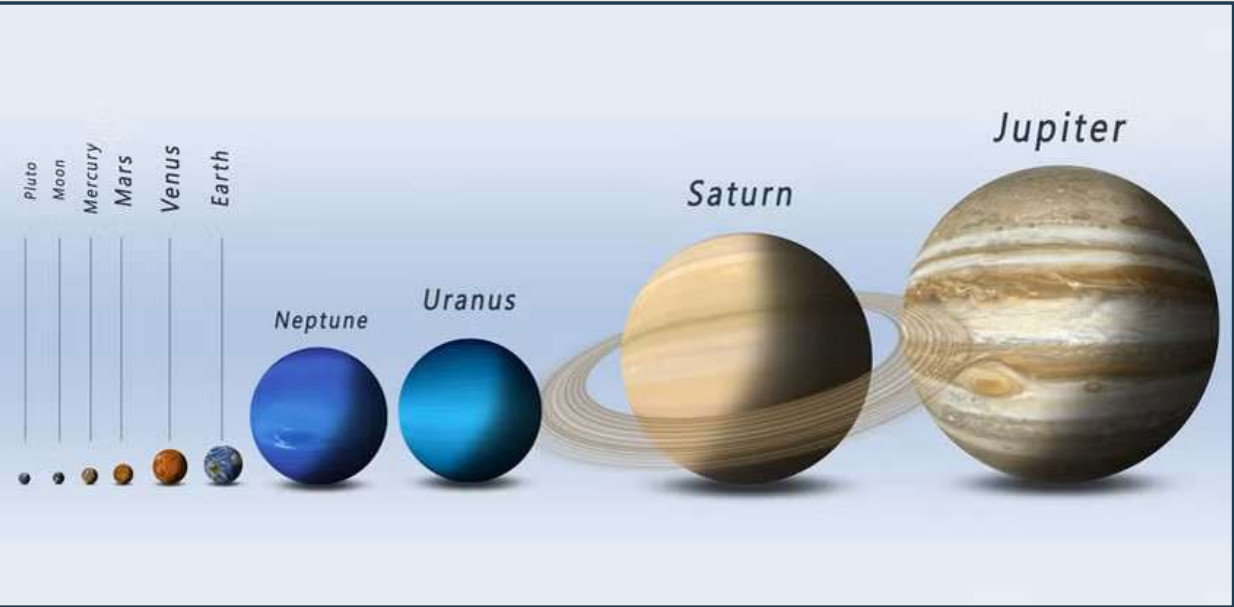
A large, detailed image of the planet Jupiter serves as the background. It shows the characteristic bands of orange, brown, and white, with the Great Red Spot visible in the lower right. The text is overlaid on this image.

Which is greater?

JUPITER

VS

THE MASS OF ALL OTHER PLANETS



Other Planets	Mass
MERCURY	0
VENUS	5
EARTH	6
MARS	1
SATURN	568
URANUS	87
NEPTUNE	102
Total	769

JUPITER	1898
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Jupiter

JUPITER VS THE MASS OF ALL OTHER PLANETS

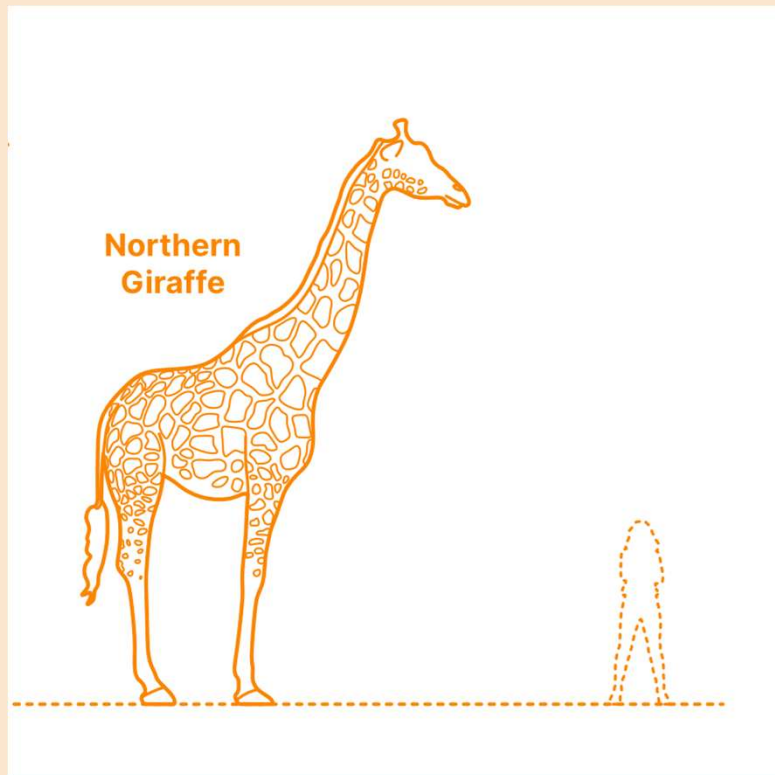
A photograph of two giraffes against a cloudy sky. The giraffe on the left is taller and has a darker, more distinct pattern of brown spots on a lighter background. The giraffe on the right is shorter and has a lighter, more subtle pattern. Both giraffes are facing right. The text 'Which is taller?' is overlaid in white, with horizontal lines above and below it. Below the title, the text 'GIRAFFE ON ITS TIPPY TOES VS TALLEST HUMAN PYRAMID' is displayed in white capital letters. An orange horizontal bar is at the bottom of the image.

Which is taller?

GIRAFFE ON ITS TIPPY TOES

VS

TALLEST HUMAN PYRAMID



Tallest Human Pyramid

GIRAFFE = 5 M

TALLEST HUMAN PYRAMID = 12 M