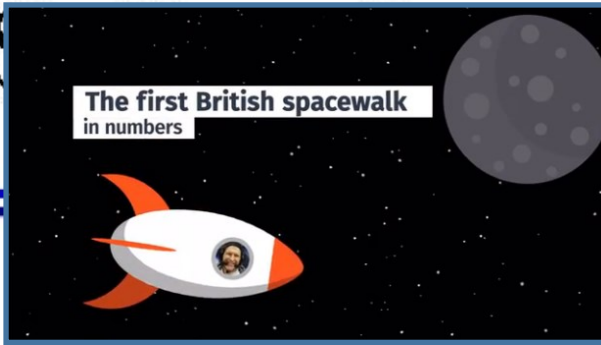




ISS Education



Docking Compartment (DC) 1



The first British spacewalk in numbers

Zarya Control Module PMA 1 S1 Truss Mobile S0 Truss Segment P1 Truss Segment

6.5 hours Estimated length of walk

PURPOSE: to replace failed voltage regulator

How long is this in minutes?
How long is this in seconds?

Approximate height above Earth: **270 miles**

Can you convert this to Km/ metres / feet/ inches / cm / mm ?

On a map plot how far from where you live this would take you. Try different compass directions.

PEAKE'S SPACESUIT

- 8 hours primary oxygen supply
- weighs 109lb (50kg)

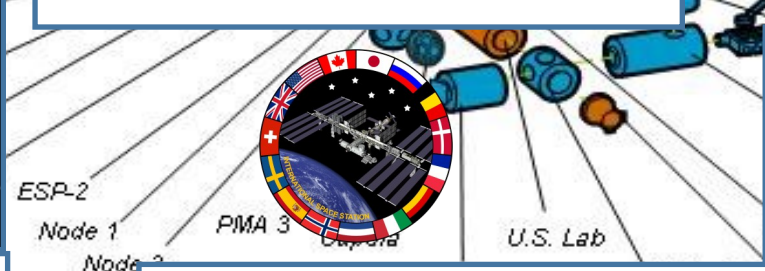
How many hours worth of oxygen in total would the crew of 8 of the ISS have ?

How many bags of 2.5kg potatoes equal the weight of Tim's spacesuit?

How many bags of 700g carrots equal the weight of Tim's spacesuit?

51 years since the first spacewalk by Alexei Leonov in March 1965

What year will it be 51 years from now ?
51 years is how many months? Weeks? Days? Hours? Minutes? Seconds?



The oxygen supply total for all of the spacewalks would be ? (2 astronauts on each walk)

What would the combined weight of the spacesuits for all of the walks be? (2 astronauts on each walk)

ISS SPACEWALKS TO DATE: 190

Russia 48 USA 142