



7th French Physicists'
Tournament



Société Française
de Physique

COMMISSION JEUNES

Captain's Fight 3 backup

FPT 2020
February 7–8th

1. Question



2. Solution

You have 30 seconds to solve
the following question :



What is the distance Sun-Pluton, in
unit of Burj Khalifa tower ?

1. Question



2. Solution

Data and sources

 Distance Sun-Pluton: 5906×10^6 km

 Burj Khalifa height: 828 m

$$N = 5906 \times \frac{10^9}{828} = 7.1 \times 10^9 = 10^{9.85}$$