

Team

Rank



Fermi Questions

- 1 What is the total mass of medals won by Team GB in the 2012 Olympics and Paralympics? kg
- 2 How long does it take for a radio signal to reach the Voyager spacecraft at the edge of the Solar System? s
- 3 What is the mass of the Milky Way? kg
- 4 What is the kinetic energy of a Virgin Pendolino train travelling at 200 km/h? J
- 5 What is the temperature of the surface of the Sun? K
- 6 What is the electrical power output of the radioisotope thermoelectric generator (RTG) powering the Curiosity rover? W
- 7 How old is the Earth? s
- 8 What is the average separation of oxygen molecules in the air that you are breathing? m
- 9 How many molecules are there in a rain drop?
- 10 What is the power capacity of the offshore wind farm in Liverpool Bay? W
- 11 How many bits can a standard DVD hold?
- 12 By how much does the water flowing over a 100 m high waterfall heat up if its potential energy is converted into thermal energy? K
- 13 How many LPO mugs would fill CTL Lab 4?
- 14 How many people were in The Beatles?