

MERCURY MATHS



Look at the table below and answer the questions.

Planet	Length of one year	Length of one day
Earth	365 Days	24 hours
Mercury	88 Days	176 days

1. How many times does Earth orbit the Sun in one Mercury year?

2. Why does Mercury's day last longer than its year?

3. If you lived on Mercury, would you celebrate your birthday more often or less often than on Earth?

Word Problem – Mercury's Gravity

Mercury's gravity is 0.38 times Earth's gravity. If an astronaut weighs 72.5 kg on Earth, how much would they weigh on Mercury?