



The Nobel Prize in Physics 2022 was awarded to Professor Alain Aspect for their discovery of a new solar system, Puzzleon. The system consists of 10 planets in concentric, **counter-clockwise** orbits around the central star, Pintus (see the map on page 2). In homage to their fellow laureates, Professor Aspect decided to name the planets after key aspects of their discoveries. After collecting data on the **length** of each planet's day and the number of **moons**, they spotted an obvious way to match the possible names with the planets.

Nearly 1 year (360 days to be exact) after recording the map on page 2 Professor Aspect is at the Nobel Prize award ceremony in Stockholm. It seems the planets are positioned on this momentous day to deliver something important to the laureates.

Ten potential planet names:

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Planet ID	Length of day (hrs)	Number of MOONS	Planet name	Orbital period (Earth days)	Sector on ceremony day
PP-1	7	1		96	
PP-2	6	4		240	
PP-3	4	0		320	
PP-4	3	0		360	
PP-5	9	1		480	
PP-6	8	2		576	
PP-7	6	2		288	
PP-8	8	1		360	
PP-9	6	1		960	
PP-10	7	0		720	

