

9J Gravity and space...Ideas about the solar system

level 5
level 6
level 7

starter one

Science Interactive LTD. PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

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Name the three planets:

 Click mouse to reveal answer

	Planet one	Planet two	Planet three
Diagram			
Planet			
<i>Distance from the sun:</i>	108,208,930 km	57,000,000km	4,498,252,900 km
<i>Planet radius:</i>	6,051 km	2438km	24,764 km
<i>Planet volume:</i>	928,167,000,000 km ³	60,708,000,000km ³	63,620,000,000,000 km ³
<i>Planet mass:</i>	4,868,500,000,000,000,000,000 kg	97,000,000,000,000,000,000 kg	102,440,000,000,000,000,000,000 kg
<i>Planet moons:</i>	None	None	8
<i>Planet orbit:</i>	0.6 years	0.2 years	165 years
<i>Surface temperature:</i>	+475°C	+450 to -180°C	-220°C

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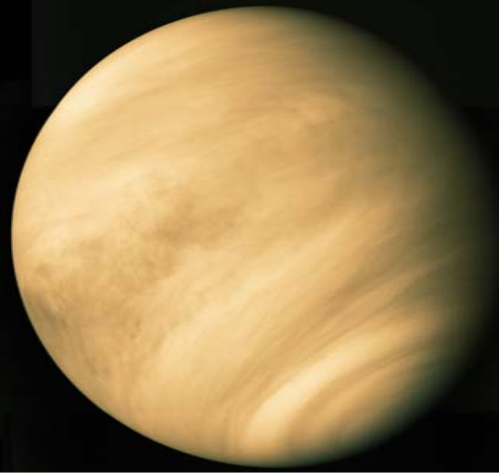
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Answer:

	Planet one	Planet two	Planet three
Diagram			
Planet	Venus	Mercury	Neptune
<i>Distance from the sun:</i>	108,208,930 km	57,000,000km	4,498,252,900 km
<i>Planet radius:</i>	6,051 km	2438km	24,764 km
<i>Planet volume:</i>	928,167,000,000 km ³	60,708,000,000km ³	63,620,000,000,000 km ³
<i>Planet mass:</i>	4,868,500,000,000,000,000,000 kg	97,000,000,000,000,000,000 kg	102,440,000,000,000,000,000,000 kg
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Name the three planets:

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	Planet one	Planet two	Planet three
Diagram			
Planet			
<i>Distance from the sun:</i>	2,870,972,200km	5,906,380,000 km	778,412,020 km
<i>Planet radius:</i>	25,559km	1,151 km	71,492 km
<i>Planet volume:</i>	69,948,000,000,000km ³	6,388,000,000 km ³	1,530,790,000,000,000 km ³
<i>Planet mass:</i>	86,849,000,000,000,000,000,000kg	13,000,000,000,000,000,000 kg	1,898,700,000,000,000,000,000,000 kg
<i>Planet moons:</i>	15 + rings	One	63
<i>Planet orbit:</i>	84 years	248 years	12 years
<i>Surface temperature:</i>	-210°C	-230°C	-150°C

starter two

Answer:

	Planet one	Planet two	Planet three
Diagram			
Planet	Uranus	Pluto	Jupiter
<i>Distance from the sun:</i>	2,870,972,200km	5,906,380,000 km	778,412,020 km
<i>Planet radius:</i>	25,559km	1,151 km	71,492 km
<i>Planet volume:</i>	69,948,000,000,000km ³	6,388,000,000 km ³	1,530,790,000,000,000 km ³
<i>Planet mass:</i>	86,849,000,000,000,000,000,000kg	13,000,000,000,000,000,000 kg	1,898,700,000,000,000,000,000,000 kg
<i>Planet moons:</i>	15 + rings	One	63
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Name the three planets:

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	Planet one	Planet two	Planet three
Diagram			
Planet			
<i>Distance from the sun:</i>	149,600,000km	1,426,725,400km	227,936,640 km
<i>Planet radius:</i>	6,378km	60,268km	3,397 km
<i>Planet volume:</i>	1,086,920,000,000 km ³	917,075,000,000,000km ³	164,222,000,000 km ³
<i>Planet mass:</i>	5972,500,000,000,000,000,000 kg	568,510,000,000,000,000,000,000kg	641,850,000,000,000,000,000 kg
<i>Planet moons:</i>	One	20 + rings	Two
<i>Planet orbit:</i>	365 days	30 years	1.9 years
<i>Surface temperature:</i>	+18°C	-180°C	-30°C

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Answer:

	Planet one	Planet two	Planet three
Diagram			
Planet	Earth	Saturn	Mars
<i>Distance from the sun:</i>	149,600,000km	1,426,725,400km	227,936,640 km
<i>Planet radius:</i>	6,378km	60,268km	3,397 km
<i>Planet volume:</i>	1,086,920,000,000 km ³	917,075,000,000,000km ³	164,222,000,000 km ³
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