Physics 4

Journey Into Space

Homework

Name -			-
Class -	<u>.</u>		
Teacher -			

Homework 1 Score : /15

Homework 2 Score : /15

Journey Into Space - Homework Exercise 1

1. (late the weight of each of the following on Earth: A girl whose mass is 50kg	(2)
	(b)	A dog of mass 20kg	(2)
	(c)	A 9 kg box	(2)
	(d)	A ball of mass 0.5 kg	(2)
2. (late the mass of each of the following weighed on Earth: A man who weighs 750N	(2)
	(b)	A tin of peas which weighs 4.5N	(2)
	(c)	A chair which weighs 350N	(2)
	(d)	A rabbit which weighs 40N	(1)

Journey Into Space Homework Exercise 2

Using the word bank complete the following sentences about why rockets Vord Bank; action, up, pushes, reaction)	move.
ockets movebecause the rocket motor	out
e exhaust gases () and the exhaust gases move the rocket	in the
her direction ().	(4)
(a) Name the 8 planets in our solar system	(4)
(b)Which planet is closest to the sun	(1)
(c)Which planet takes 24 hours to orbit the sun	(1)
Describe what happens to a spacecraft as it enters the earths atmospl	here. (2)
What are the three main requirements for life on a planet.	(3)