

Question	Level	Answers	Mark Scheme
1	3	a satellite	1 mark
	3	b Earth	1 mark
1	4	The planets all move around the Sun	1 mark
	5	The orbits of the planets are all elliptical	1 mark
	5	Satellites can be put into orbit around other planets.	1 mark
3	4	Gravity	1 mark
4	4	Because gravity pulls everything towards the centre of the Earth.	1 mark – accept equivalent explanations
5	5	a 550 N	2 marks – 1 for correct answer, 1 for units
	3	b more	1 mark
	4	c because his mass is bigger, or his weight is 990 N	1 mark
	4	d less	1 mark
	5	e the force of gravity on the Moon is not as strong as on the Earth	1 mark – accept equivalent answers
6	5	Any two from: communications (transmitting telephone calls or TV programmes); navigation/GPS; taking pictures of the Earth; spying; taking pictures of the stars/planets	2 marks – 1 for each valid use. Do not accept ‘sending telephone calls’ and ‘sending TV programmes’ as two separate uses.

Level	Marks available	Cumulative level	Threshold level
3	3	3	2
4	5	8	6
5	7	15	12