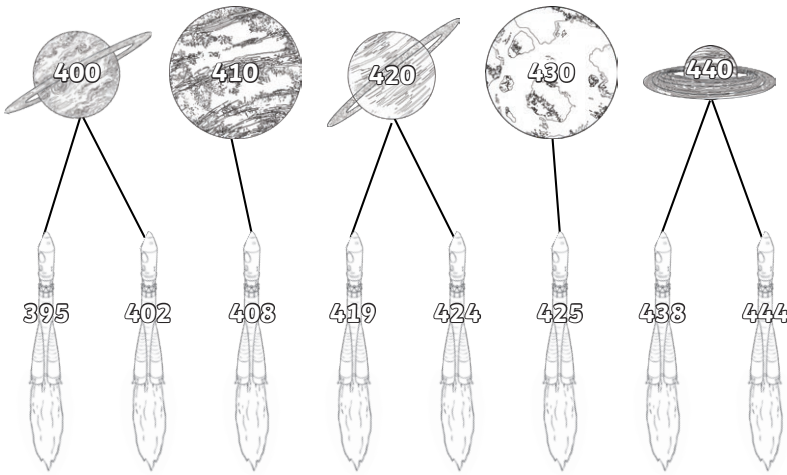




1)



2)

Number	Rounded to the Nearest 10
15	20
581	580
99	100
5	10
704	700
200	200
0	0

- 1) a) *Incorrect. The answer should be 2270.*
- b) *Incorrect. The answer should be 690.*
- c) *Correct.*



2) *Example answer: I disagree with Valentina because she has rounded nine tens to ten tens. This is not possible, as you can only put one digit in each place. 10 has two digits so you have to say that ten tens are the same as 100 and add a 1 to the hundreds place to show this. 999 sits between 990 and 1000 on the number line. It is one less than 1000, which means it should be rounded to 1000 as it is closer to this number.*

3) *995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004*

- 1) a) *The rounded number could have been 20 or 60.*
- b) *If the rounded number was 20, the starting number could have been: 15, 16, 17, 18, 19, 20, 21, 22, 23 or 24.*

If the rounded number was 60, the starting number could have been: 55, 56, 57, 58, 59, 60, 61, 62, 63 or 64.

- 2) a) *29 and 69*
- b) *Multiple possible answers. Any two of these satellites whose numbers are rounded up to the next ten would have a greater rounded total. For example, 8 and 29.*
- c) *Any two of these satellites whose numbers are rounded down to the nearest ten would have a smaller rounded total. 13 and 22 is the only possible combination.*
- d) *8 and 22 have equal rounded and actual totals. This is because 8 was rounded up by 2, while 22 was rounded down by 2.*
- e) *Multiple possible answers. Children may spot that, when the ones digits in a pair of numbers add up to ten, the rounded and actual totals are equal.*

