



1) Look at the numbers on the rockets. Round each number to the nearest ten and match the rocket to the correct planet.



2) Find each number hidden on the spaceship control panel and round it to the nearest ten.



Number	Rounded to the Nearest 10

1) Yuri is reporting back to mission control with details from the control panel.



Read each statement and decide whether it is correct or incorrect. If it is incorrect, give the correct answer.

a) Rounded to the nearest ten, the water level is 2260.

Correct or incorrect? _____ What should the answer be? _____

b) Rounded to the nearest ten, the carbon dioxide (CO₂) level is 700.

Correct or incorrect? _____ What should the answer be? _____

c) Rounded to the nearest ten, the oxygen level is 4410.

Correct or incorrect? _____ What should the answer be? _____

2) The fuel gauge on the space shuttle reads 999 gallons.

Valentina says that, if she rounded it to the nearest ten, it would read 9100 gallons.

Do you agree or disagree? Explain your answer.



3) Can you think of any other numbers which, when rounded to the nearest ten, round to 1000?



1) Find all the possible answers to this problem.

I'm thinking of a number.
It is a two-digit number.
When the number is rounded to the nearest ten,
its digits are all even, and it is a multiple of 4 but not a
multiple of 8.



- a) What number could it be? _____
- b) What number could the astronaut have started with? _____

2) Satellites are being sent up to space in pairs.



- a) Helen notices that one possible pair of satellites have a total of 100 if their numbers are rounded to the nearest ten and added together. Which two satellites are these?

- b) Helen notices that this rounded total is greater than the actual total of the numbers on the satellites. How many other pairs of satellites can you find with a rounded total greater than their actual total?

- c) Which pairs of satellites have a rounded total that is less than their actual total?

- d) Do any pairs have equal rounded and actual totals? Why do you think this is?

- e) Can you think of any other pairs of numbers under 100 that also have equal rounded and actual totals? Can you spot a pattern?

