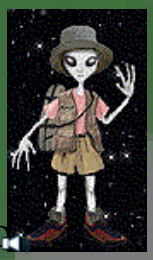
Who Owns the Solar System?

Don't copy down

Over the years scientist have discovered that there are many valuable resources on other planets, moons, and asteroids. But the question arises:
"Who owns the rights to collect these valuable resources?"

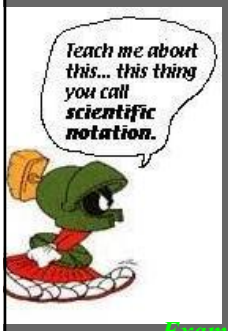
Activity from page 441



For homework have students research information that supports their side of the debate. Student must bring their information to class tomorrow for a mini debate warm up.

Feb 8-10:10 PM

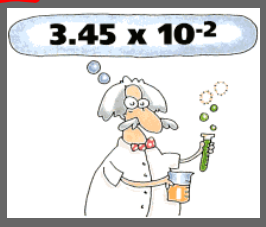
Distance in Space we use scientific notation



The scientific notationallows us to write very large or small numbers using mathematical abbreviations. Using this notation, a number is written with a digit between 1 and 9 before the decimal, followed by a power of 10.

Example:
32 000 000 km = 3.2 x 10 ^{7} km

Example:
43 000 =



32,000,000.

3.2×10^{7}

32000000

67,000,000,000.

6.7×10^{10}

0.00000075

Direction

7.5×10^{-7}

# of Positions Decimal is Moving

5,000,000.

5.0×10^{6}

Feb 8-10:24 PM

Scientific Notation

1) 10 x 10 x 10 x 10 = 10000

10000 = 1.0×10^4

2) 10 x 10 x 10 x 10 x 10 _____

100000 = 1.0×10^5

3) 3 x 10 x 10 x 10 3000

3000 = 3.0×10^3

4) 7 x 10 x 10 x 10 x 10 70000

70000 = 7.0×10^4

5) 1 000 000 000 000 _____

1.0×10^{12}

6) 0.0000000000000002 _____

2.0×10^{-18}

Please write the expanded number

7) 1×10^4 1.0×10^4

10000 = 10000

8) 1×10 1.0×10

10 = 10

9) 3×10^{-3} 3.0×10^{-3}

0.003 = 0.003

10) 9×10^4 9.0×10^4

90000 90 000

11) 8.21×10^1 82.1

12) 6.45×10^{-5} = 0.0000645

0.00006.45

13) 3540000. 3.54×10^6

14) 00005470 5.47×10^3