Open Questions - Number Sense

How can we figure out if it is possible to live for 1 000 000 days?

Choose one of the numbers below. Show at least four or five ways to represent it.

The answer is 580 000. What is the question?

Create two numbers for each description:

 Between 33 000 and 33 600

 Between 112 000 and 204 000

 Between 980 000 and 1 000 000

Use each of the digits 3, 4, 5, 6, 0 to create:

 A number between 42 000 and 46 000

 The greatest even number possible

 An odd number whose hundreds digit is digit and twice it thousands digit

Create three numbers between 69 200 - 75 000 with a 3 in the thousand digit and a 2 in the tens digit

How much time have you spent watching T.V. in your lifetime?

Why is 10 a special number?

What numbers go in the blank squares?

54

18

3

In groups, come up with as many ways as possible to explain multiplication.

Represent this number in as many ways as possible: 4.935

Draw a picture of: 3.62 + 2.135

Describe, draw or use numbers to show how these fractions relate to each other

$\frac{1}{2} \frac{3}{6}$ 1 $\frac{2}{4}$ $\frac{1}{4}$ $\frac{1}{8}$

Show 75% in as many ways as possible.

Fill in values for the blanks to make this statement true:

 72 is \_\_\_\_\_% of \_\_\_\_\_\_.

Create a sentence that uses each of the following words and numbers. 40, percent, most, 80.

A number can be written 0.24242424…. What do you know about the size of the number?

Choose a fraction and a percent. Tell which is greater and how you know.

How are the numbers 6.001 and 1.006 alike? How are they different?

4 is a factor of two different numbers. What else might be true about both of the numbers.

Create a question involving multiplication or division of decimals where the digits 4, 9, and 2 appear somewhere.

Create 3 ratios A (comparisons) with numbers that you would see in real life.