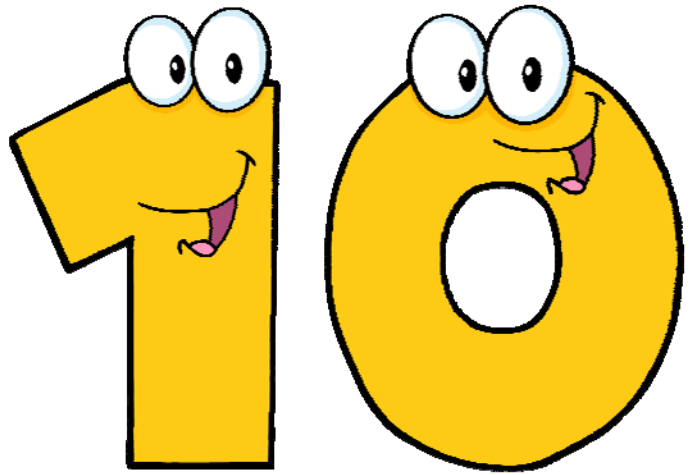


Name _____

Date _____

Powers of Ten and Scientific Notation - Step-by-Step Lesson

1. Write 5840000 in scientific notation.



Explanation:

A quick look at scientific notation format:

$$2.31 \times 10^4$$

The first factor must be at least 1 and less than 10.

The second factor must be a power of 10.

Move the decimal point to the left until the number is between 1 and tenth place. Count how many places you move the decimal point.

$$5840000 \rightarrow 5.8$$

You moved the decimal point 6 places to the left. The power of ten is 10^6 .

$$5840000 = 5.84 \times 10^6$$

Answer is: 5.84×10^6

