**Adding numbers in scientific notation**

9 x + 4.5 x

The first thing that you want to do is to get all of the powers of ten to the same exponent. Since these are all powers of ten you can easily slide up and down by just moving the decimal point.

To make all the exponents to the power 10 we just need to slide the decimal point of 9 to the left once.

9 x = 0.9 x

The problem now looks like this with both powers of 10 the same

0.9 × + 4.5 ×

Now, we just need to combine the constants.

(0.9 + 4.5) × = 5.4 x