There is a number, greater than zero, that is 3 times the sum of its digits. What is this number?

What is the next number in this sequence?

1 , 2 , 5 , 12 , 29 , 70 , ...

If A is 10% of C, and B is 25% of C, what percent of B is A?

Suppose that $a\*b=a+\frac{1}{b}$

What is the value of (1\*2)\*(2\*1) ?