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# Special numbers

One day our teacher asked us a puzzling question:

I'm thinking of a two digit number.

My number is special because adding the sum of its digits to the product of its digits gives me my original number!

Can you discover my special number?

Thousands more problems can be found  
on the NRICH maths website:

**[www.nrich.maths.org](http://www.nrich.maths.org)**