Multiplying With 11's

by Kathleen Wiley

When multiplying.....2 digit numbers.....with 11s, we know always we'll have fun....

We'll put 11....on the bottom....of the problem and we know we're almost done....

We'll add the top two digit numbers.....both together till we have a tidy sum....

Then squeeze that number right between....the 2 digit numbers. Now, let's have some fun....

Seventy two....times 11....Well, at first it seems so very hard to do....

But we'll show you....it's a breeze.....You just watch and then you'll want to do it too....

We'll add the 7 and the 2.....That makes 9...we'll squeeze it right between....

The 7 and the 2....The answer's 792, don't you see?

But if by adding the 2 digit numbers....the sum of them will equal 10 or more....

Well, that's no problem.....I'll just show you.....how to fix it so that then you'll know the score...

The right-hand number stays the same.....but the middle number's now the right side of.....

The sum....of that 2 digit number...then carry and add the extra 1.

So 59....times 11....well the 9 will simply just remain the same....

Then add the 5....and the 9....that's 14 and now here's where you win the game....

Just put the 4 in the middle....add the 1 to the 5 and get a 6....

So the answer's six hundred forty nine....Now we've learned 11s and we know the tricks!

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