

At the entrance to Rema 1000 some beautiful cut flowers captures your interest. You think about you sweet girlfriend and put the cut flowers into your cart. The cut bouquet of daffodils flowers used to cost 25,95 kr, but today there is discount of 15%. Use the calculator to find the price you have to pay.

You would like to buy fruit and decide to take a 6 pack of apples for 15,- kr. You put in the apples into your cart and add the price on your calculator. For you own interest calculate price for one of those apple. Now you spot a special offer of Inge Marie apples for 1,75 kr a pease. Have many can you buy for 15 kr? You take this number of Inge Marie apples and put those into your cart and return the previous selected pack of apples. On your calculator you subtract the 15,- kr and add the value for the Inge Marie apples.

You buy 2 kg of Bintje potatoes for 14,30 kr. plus some pasta for 25,- kr. Put these into your cart and update calculator

By accident you drop the calculator on floor when you see your female classmate in the shop. Will this drop destroy you calculator? Your schoolmate is also shopping in the same Rema 1000. She comes by and ask you to calculate the reciprocal value 0,0212765957446809. She claims this value is a prime number. Can you confirm this is correct or is this is not correct? Your store you previously calculated values and do the reciprocal calculations. Your classmate told you that she has a Smart Phone that still would work in a glass of water. Can the calculator survive this treatment?

You continue and find 0,7 kg. low-fat minced beef purchase for 31,90 kr and you find chicken pieces for 34,45 kr. and you put both meat packages into your cart. You add both values to your previous calculations.

Now you come by the lactic and decide to buy 1 liter of light milk for 4,75 kr and some butter $\frac{1}{4}$ kg butter for 10,- kr. and put this into your cart. You add the value to the previous calculations.

You come by the bottle machine and discovered some misbehavior on the calculators display. You went closed to the bottle machine and observed the calculator display slightly blinking. You came to think about an electronic class where the EMC was investigated. You wounded if the calculator is protected from EMC?

Some of your friends are coming by your place this evening and you buy 6 pack (0,33 l) of Ceres beer for 23,10 kr. You classmate like to make mathematic calculations and she ask you how many liter of beer that can be contained in a football with diameter of 22 cm. You store your previous calculations and calculate how much beer can be inside this football. You remember a ball volume = $\frac{4}{3} \cdot \pi \cdot r \cdot r \cdot r$. Can all 6 beers content be contained in this football?

It has been a hard day. You put the calculated in you back pocked and tried to sit on the edge of the freezer. Can the calculator survive weight treatment? Now you check if the calculator could fit into the shirt pocket. Is that possible?

Your beard needs to be trimmed and you find some Gillette razor blades for 15,89 kr. You add the value to the previous calculations, but when you were typing this value you found out that you have read the price wrongly. The real price is 15,98 kr so you delete the 89 øre and put in the 98 øre instead and add the value to the previous calculations. You are careful with the calculator so you save the calculated value.

After you have saved the calculated value by mistake you divide the value by 0. What happens? You classmate wonder if the calculator can multiply $\sqrt{2}$ with $\sqrt{2}$. What calculated value do you get? You classmate wonder what value your calculator gets on display when you calculate 1,5Mega RAM * 2 Mega RAM * 3 Mega RAM. What's the result?

Now you are close to the cash register and would like to buy a newspaper, but you consult with you calculator. Do you have 10,- kr for a newspaper? For how much money of groceries does your cart contain?

When you returned to your flat you wonder how long the calculator can work with battery. Can the calculator battery be replaced?

If you should buy a simple calculator – would you buy the calculator you have described? (If so then suggest price).