# **Activity 2: Charity donation and profit**

## **Charity donation**

*I’m a Celebrity 2019* donated 15p from every vote to the Make A Wish charity. Of course, *Rock Star Challenge* wants to do the same. For every vote RSC will donate 15p to charity.

* Cell K4 – enter an amount per vote to donate
* Cell L8 – enter a formula to calculate the amount donated to charity from telephone votes. The rule here is *add up the total number of telephone votes then multiply this by the amount to be donated*. There are two ways to do this: either =SUM(D9:D18)\*0.15 or, better, =SUM(D9:D18)\*K4

By using a cell reference here instead of an amount, if we change the amount of the charitable donation the formula will recalculate automatically.

* Cell L9 – use a similar formula to calculate the donation amount from text votes
* Cell L10 – add cells L8 and L9

## **Calculate the profit**

Now that we know how much will be donated to charity we can calculate how much profit RSC will make.

The rule for profit is generally *income minus expenses* or, in this case, *income minus donation*.

* Cell L13 – enter a formula to calculate profit. First we need to add together the two incomes from voting, then subtract the donation amount: =(E19+I19)-L10
* Remember that 15p should be entered as 0.15 in cell K4

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