

Tuesday 16th June 2020 – Fundraising (problem solving)

A class of 32 children decide to save for charity for 1 year. The children agree that the minimum amount to be given by each child every month is 35p.

- 8 children give the minimum amount (group A)
- 9 children give the minimum amount plus an extra 12p each (group B)
- 7 children give the minimum amount plus an extra 24p each (group C)
- 5 children will give twice the minimum amount (group D)
- The rest of the class each give 75p (group E)
- The teacher gives £1. (group F)

How much do the class and their teacher raise in total in one year?

COMPLETE THE REST OF THE TABLE

Group	How many in the group? (<i>This needs to total 32 + the teacher</i>)	Money to be collected per month	Money to be collected per year (x12)
A	8	35p	£2.80
B			
C			
D			
E			
F (teacher)			
			TOTAL PER MONTH =
			TOTAL PER YEAR=

NOW MULTIPLY THIS BY 12

Extra challenge - a local company offers to give an extra bonus of 15%, what is the new total raised?