Value Based Questions

Que 1. On her birthday, Amisha donated 2 toffees to each children of an orphanage and 15 chocolates to adults working there. Taking the total items distributed as x and the number of children y, write a linear equation in two variables for the above situation.
(a) Write the equation in standard for.
(b) How many children are there if total 61 items were distributed?
(c) What values does Amisha possess?

Sol. X = 2y + 15
(a) x − 2y − 15 = 0
(b) 61 = 2y + 15 $\Rightarrow$ y = $\frac{46}{2}$ = 23 children

(c) Caring, kind, socially active.

Que 2. The number of sincere students (x) in a class is two more than twice the number of careless students (y). Write a linear equation in two variables for this situation. How does sincerity help and carelessness harm a student?

Sol. X = 2 + 2y
sincere students always progress in life as they value time and channelize their talent in productive activities while a careless student always wastes him talent and time.