Problem:

The average age of 10 members of a committee is the same as it was 4 years ago, because an old member has been replaced by a young member. Find out how much younger is the newest member ?

Let the members be Old Having age O + other 9 having ages x and New one having age Y

Sum of their ages = (Y + 9 × x) and average = (Y + 9 × x)/10

Before 4 years sum was (O + 9 x − 10 × 4) and average = (O + 9 x − 10 × 4) /10

equating, Y + 9 x = O + 9x − 40

Y = O − 40

Younger is 40 years younger than Old one.

Quiz:

Name this holiday tune:

My parent's mother was involved in an unexpected trampling incident with an antlered creature of the genus Rangifer.

Grandma Got Run Over by a Reindeer