Here's where you have to really think about how you can best give a representative age (or ages) for the Little Ducklings class. Here's a reminder of the data:

Age	1	2	3	31	32	33
Frequency	3	4	2	2	4	3

1. Why do you think the mean and median both failed for this data? Why are they misleading?

Both the mean and median are misleading for this set of data because neither fully represents the typical ages of people in the class. The mean suggests that teenagers go to the class, when in fact there are none. The median also has this problem, but it can fluctuate wildly if other people join the class.

2. If you had to pick one age to represent this class, what would it be? Why?

It's not really possible to pick a single age that fully represents the ages in the class. The class is really made up of two sets of ages, those of the children and those of the parents. You can't really represent both of these groups with a single number.

3. What if you could pick **two** ages instead? Which two ages would you pick, and why?

As it looks like there are two sets of data, it makes sense to pick two ages to represent the class, one for the children and one for the parents. We'd choose 2 and 32, as these are the two age groups with the most people in them