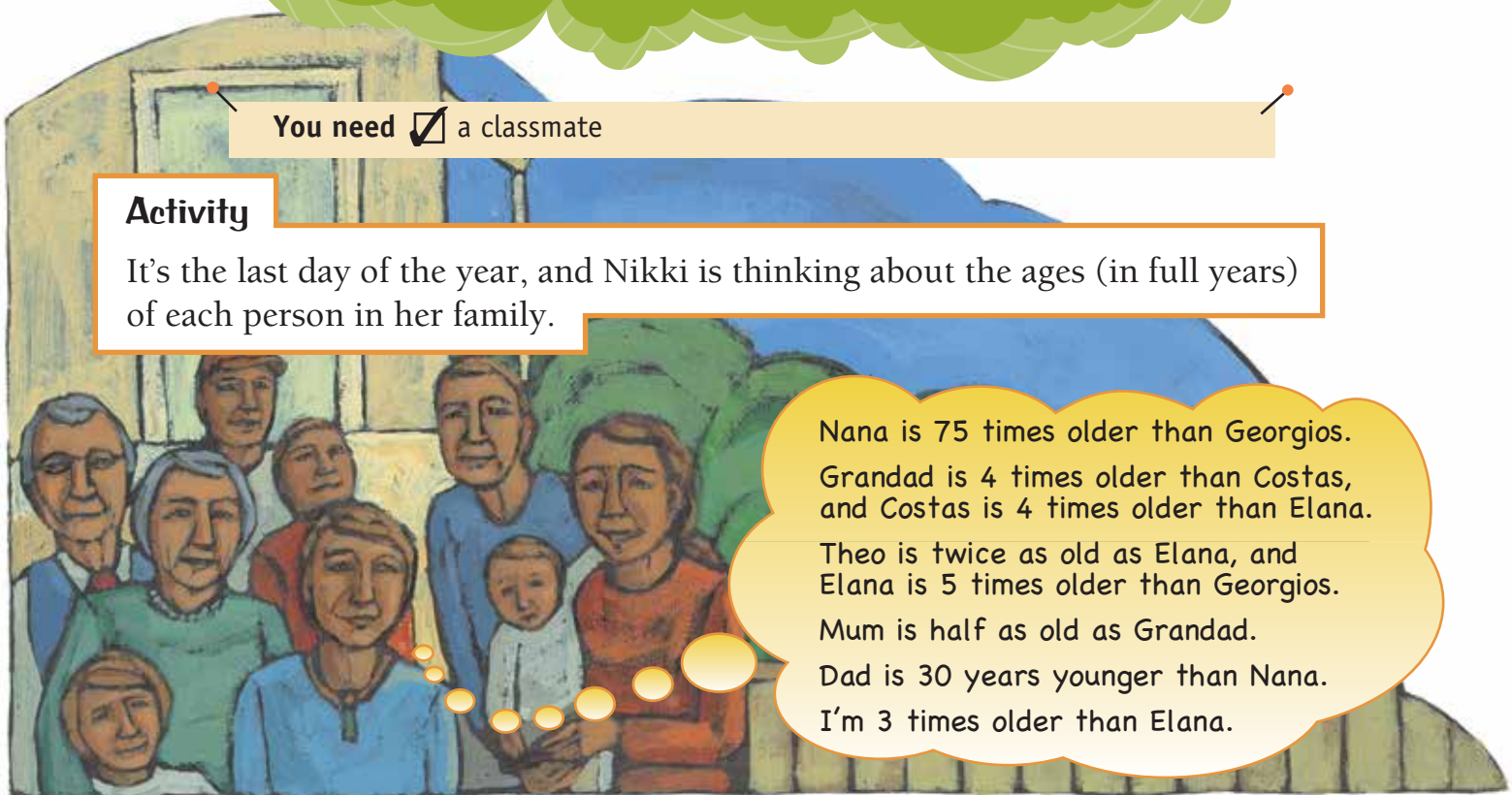


Family Ties

You need a classmate

Activity

It's the last day of the year, and Nikki is thinking about the ages (in full years) of each person in her family.



Nana is 75 times older than Georgios.
 Grandad is 4 times older than Costas,
 and Costas is 4 times older than Elana.
 Theo is twice as old as Elana, and
 Elana is 5 times older than Georgios.
 Mum is half as old as Grandad.
 Dad is 30 years younger than Nana.
 I'm 3 times older than Elana.

1. a. If Georgios is 1 year old now, how old is each person?



- b. Who are these family members? Is there more than one solution?
 c. Some of the family's ages also add up to Grandad's age.
 Who are these family members? Is there more than one solution?

2. Every year, Nana is the last to have a birthday.
 When she turns 100, how old will each of the other family members be?
 Show a classmate how you worked this out.

3. Write down the ages of 6 of your family members, friends, or pets.
 Make up number clues and questions about their ages. Give the clues
 to a classmate to solve.