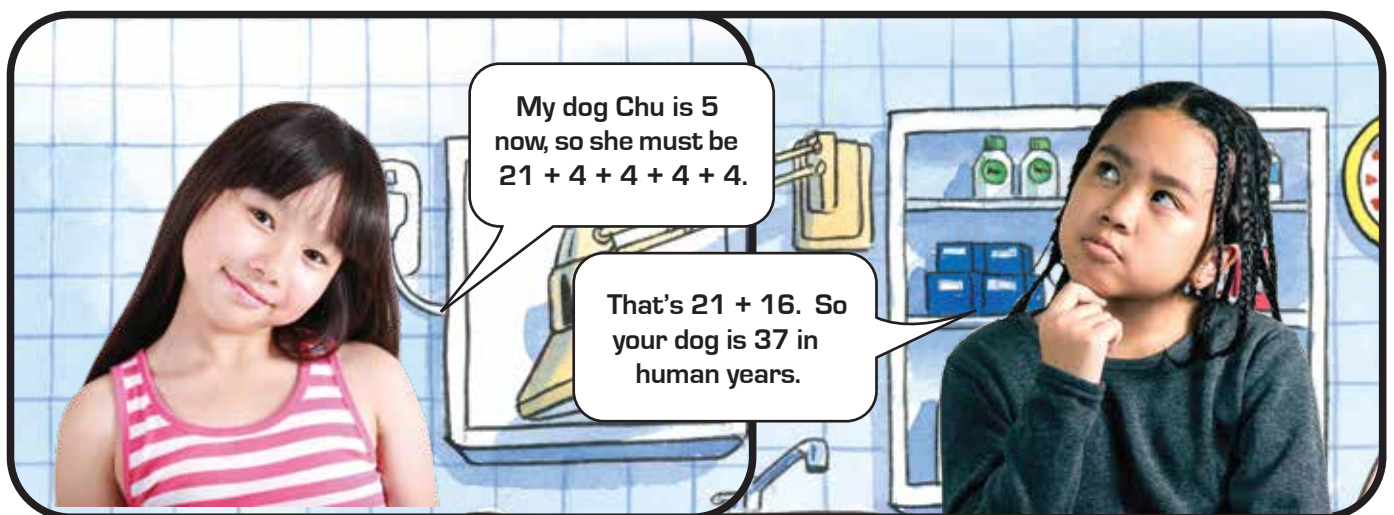
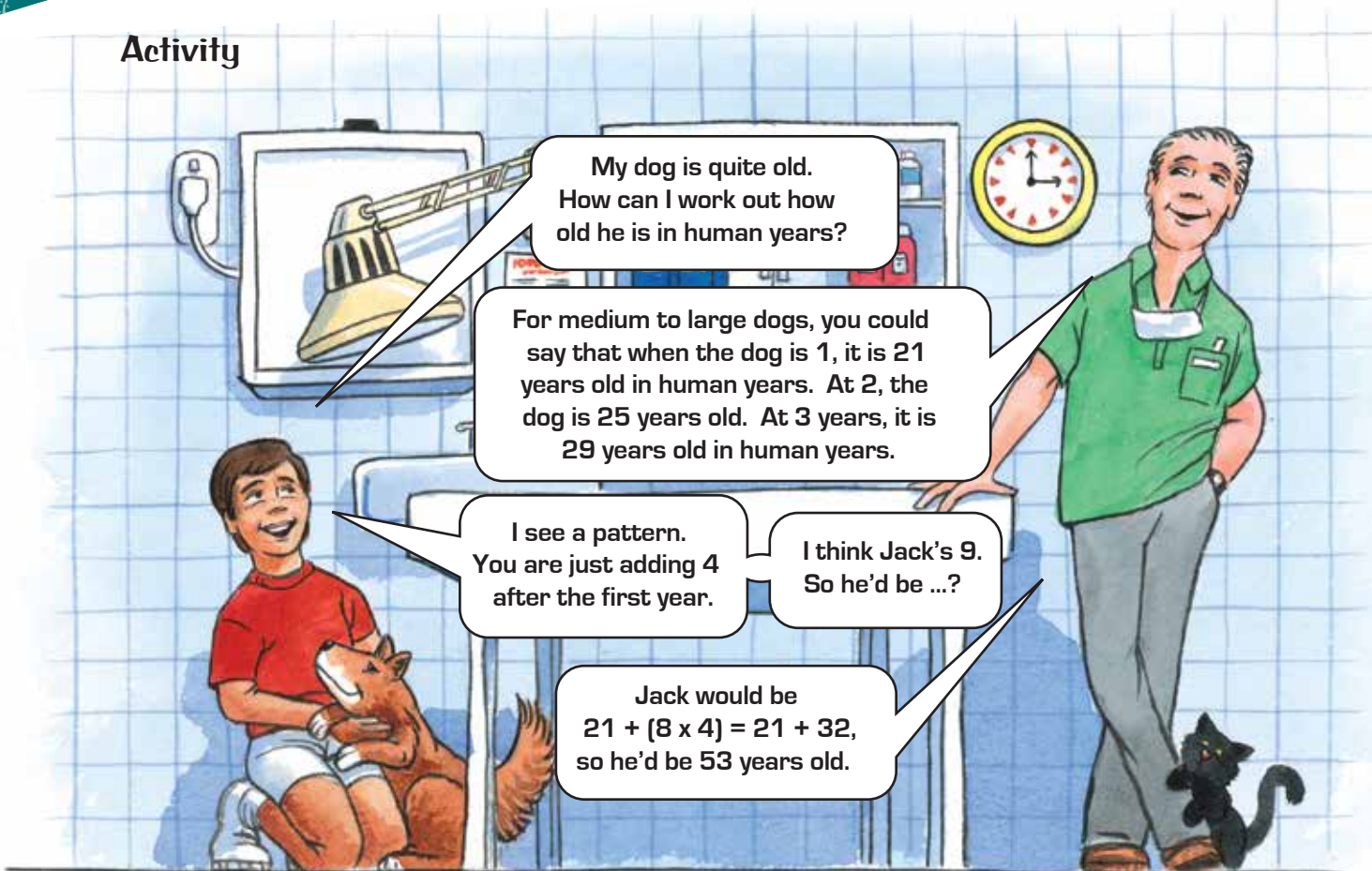
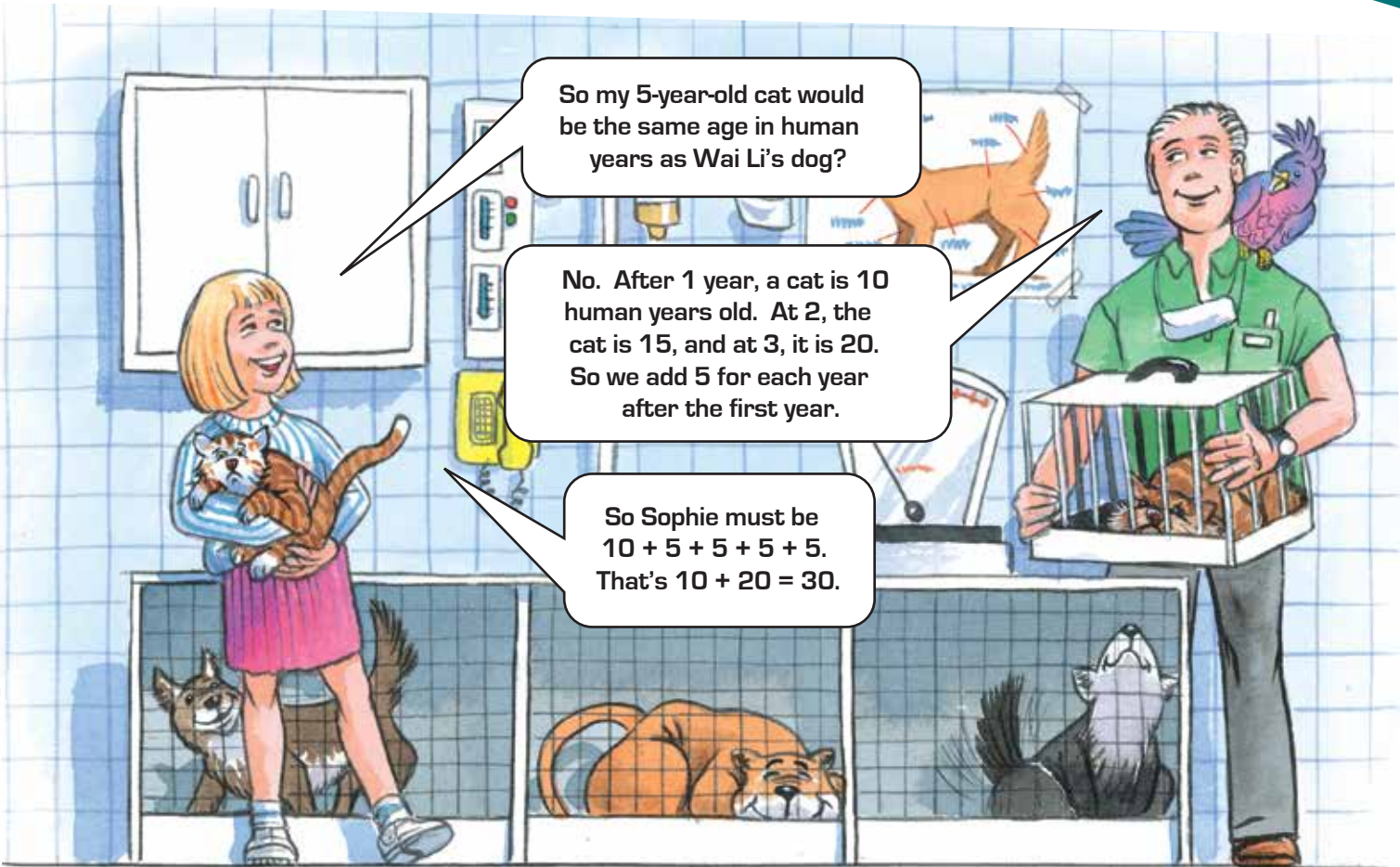


That Old?

Activity



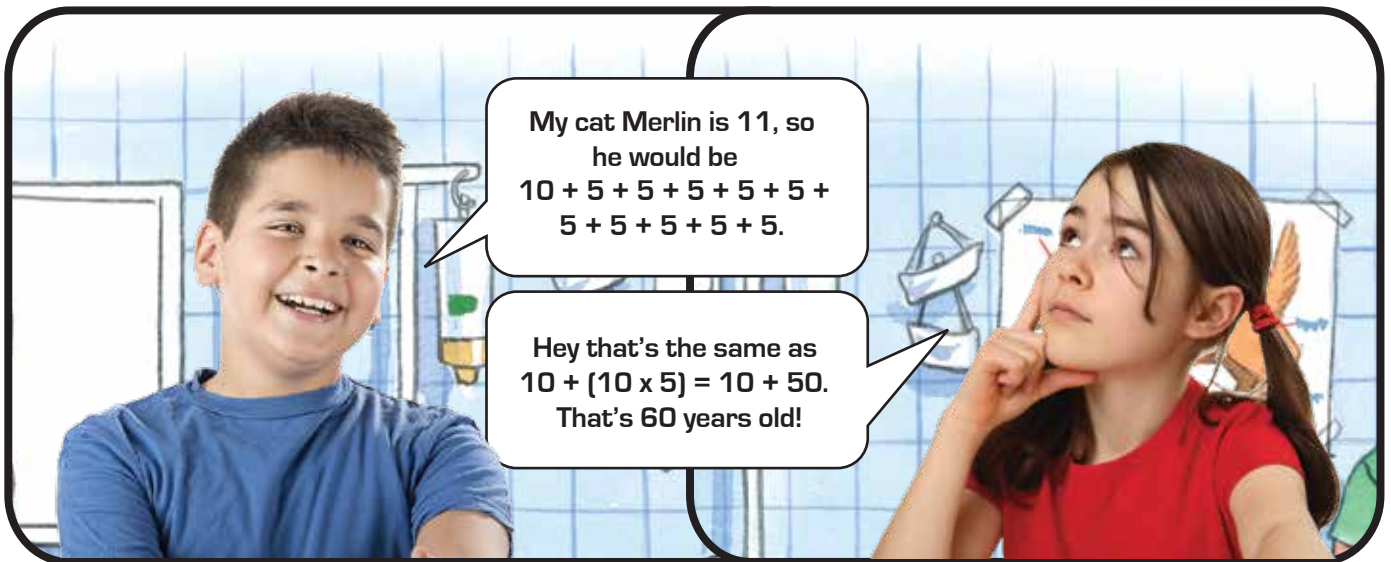
1. a. How old would Chu be in human years when she is:
 - i. 11 years old?
 - ii. 14 years old?
- b. How old was Jack in human years when he was:
 - i. 7 years old?
 - ii. 8 years old?



So my 5-year-old cat would be the same age in human years as Wai Li's dog?

No. After 1 year, a cat is 10 human years old. At 2, the cat is 15, and at 3, it is 20. So we add 5 for each year after the first year.

So Sophie must be $10 + 5 + 5 + 5 + 5$. That's $10 + 20 = 30$.



My cat Merlin is 11, so he would be $10 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5$.

Hey that's the same as $10 + (10 \times 5) = 10 + 50$. That's 60 years old!

2. How old would a cat be in human years if it were:
- a. 9 years old?
 - b. 12 years old?
 - c. 14 years old?

Investigation

Make a table to show the ages of a cat and a dog in human years from 1 to 20 years of life. What do you notice from this table? Can cats and dogs ever be the same age in human years?