

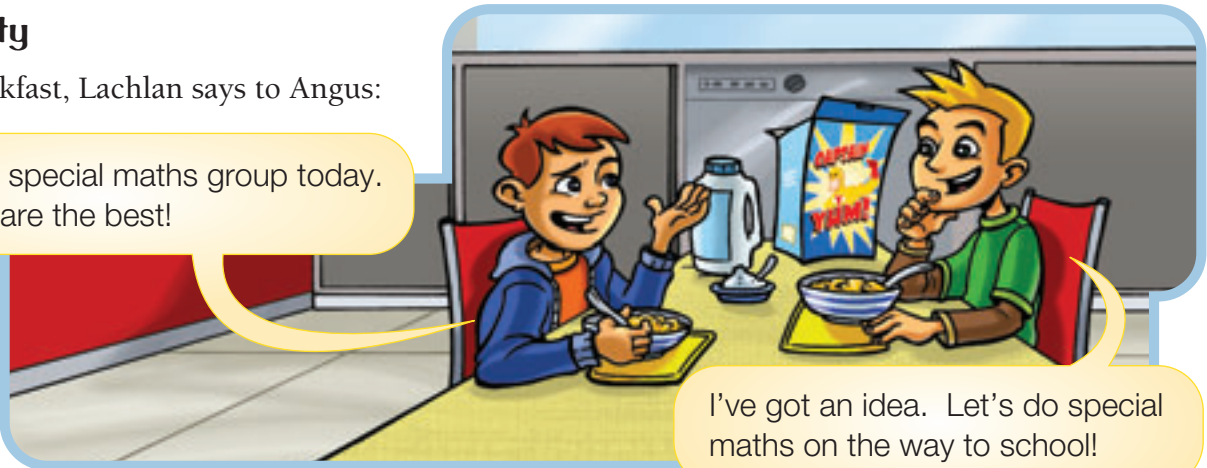
Problems on the Way to School

You need ✓ a classmate

Activity

At breakfast, Lachlan says to Angus:

I wish it was special maths group today. Those days are the best!



I've got an idea. Let's do special maths on the way to school!

1. As they walk along their street, Lachlan and Angus see some dogs and cats:

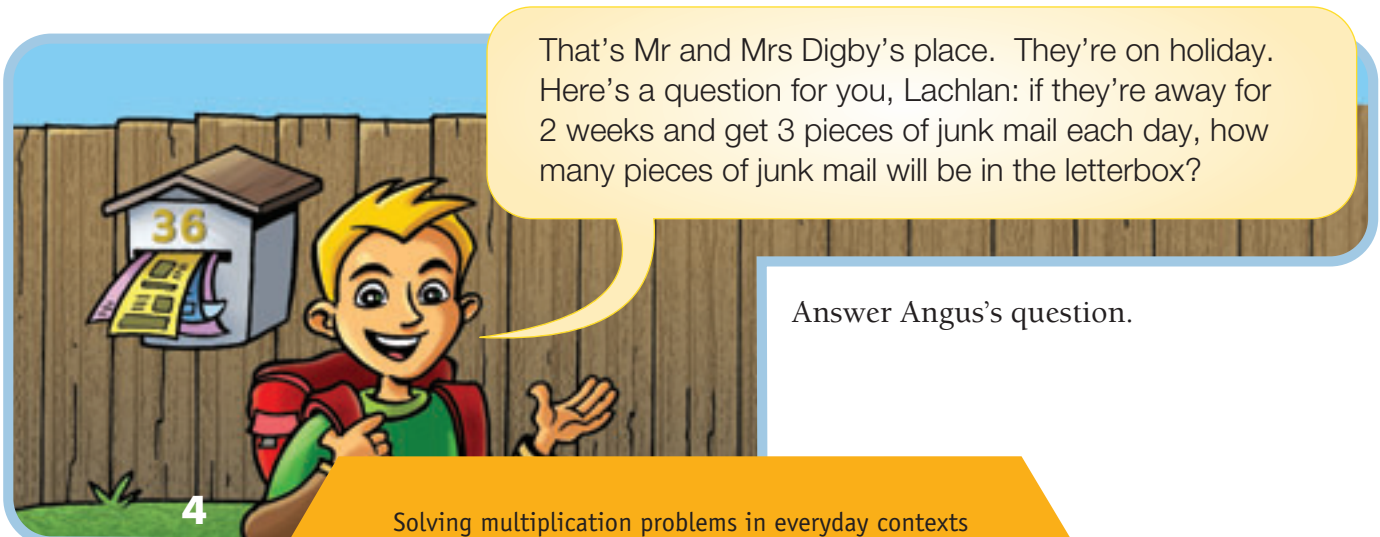


I've seen 18 animal eyes so far.

I'm glad we're not counting claws!

How many tails and how many paws are there on the animals that Lachlan has seen so far?

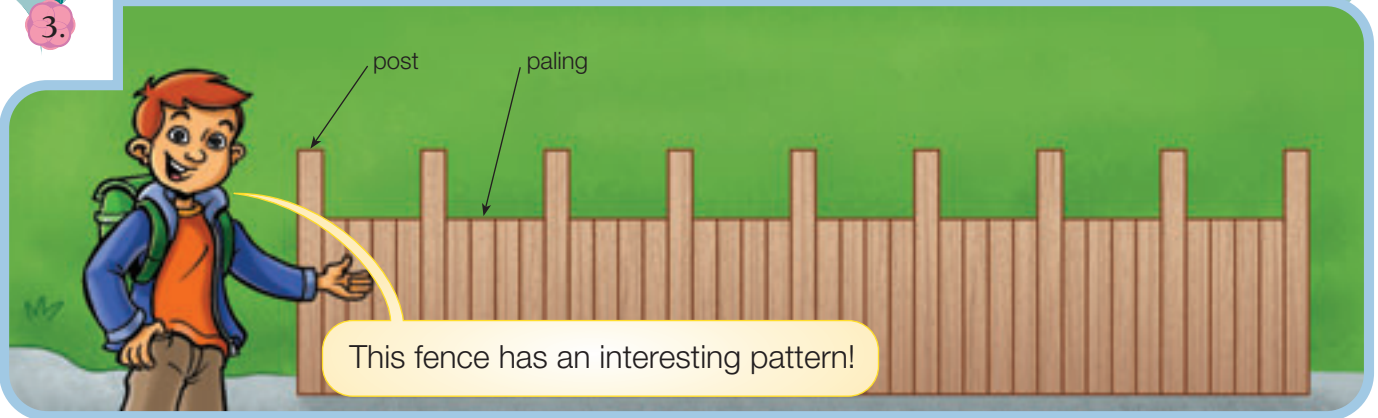
2. Lachlan notices lots of junk mail in one particular letterbox. Angus says:



That's Mr and Mrs Digby's place. They're on holiday. Here's a question for you, Lachlan: if they're away for 2 weeks and get 3 pieces of junk mail each day, how many pieces of junk mail will be in the letterbox?

Answer Angus's question.

3.



Lachlan says he knows the total number of palings by just counting the posts. How might he be working it out?

4.



Angus notices 7 cars parked together on a side street. The sign says that they can park for 120 minutes.

- How many hours can each car stay parked for?
- How many tyres (not counting spare tyres) are there altogether on the 7 cars?

5.

Lachlan and Angus join up with a walking school bus. All the children walk with at least one other person.

What equal-sized groups could 24 children walk in so that everyone has someone to walk with?



6.



It's collection day in Pine Street. Each house puts out 3 bins: a wheelie bin, a recycling bin, and a paper bin.

- a. Lachlan counts 7 houses in a row with their bins out.
How many bins is this?
- b. If Lachlan counts 33 bins altogether, how many houses have their bins out?

7.

Angus is wearing his new pedometer as he walks to school. When he gets to the school gate, the pedometer has counted 3 066 steps.

- a. How many steps might Angus have taken when he was halfway to school?
- b. How many steps might Angus have taken when he was:
 - i. one-third of the way to school?
 - ii. two-thirds of the way to school?

8.

Make up a "multiplication maths map" for your route to school. Swap with a classmate and solve each other's maths map problems.