Year 3 Maths: Bar Graphs and Dot Plots: Reading the Story

Name: _____ Date: _____

Have a go first, then check the answers with a grown-up.

Your turn

Fruit	Students
Apple	5
Banana	7
Kiwifruit	9
Orange	3

1. Which fruit is the most popular?

2. Which fruit is the least popular?

3. How many students were asked?

4. How many more students chose kiwifruit than apple?

5. How many students chose banana or orange?

Spot the mistake

6. What is wrong? "The widest bar shows the most."

7. What is wrong? "A graph does not need a title."

8. What is wrong? "The teeth lost in total is the number of dots: 12."

9. What is wrong? "Leave a number off the dot plot if nobody chose it."

Answer key (for parents and tutors)

1. Which fruit is the most popular?
   Kiwifruit
2. Which fruit is the least popular?
   Orange
3. How many students were asked?
   24 (5 + 7 + 9 + 3)
4. How many more students chose kiwifruit than apple?
   4 (9 − 5)
5. How many students chose banana or orange?
   10 (7 + 3)
6. What is wrong? "The widest bar shows the most."
   All the bars are the same width. The tallest bar shows the most.
7. What is wrong? "A graph does not need a title."
   Give a title and labels so readers know what the graph shows.
8. What is wrong? "The teeth lost in total is the number of dots: 12."
   12 is the number of students. Add up the teeth each one lost: 22.
9. What is wrong? "Leave a number off the dot plot if nobody chose it."
   Keep every number on the line, even with no dots, so the gaps show.