Year 2 Maths: Collecting Data and Making Tally Charts

Name: _____ Date: _____

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

Practice

1. In the question "What is your favourite fruit?", what is the variable?

2. A tally shows one gate and 3 more marks. How many is that?

3. Only 1 student says guinea pig for favourite pet. Which category can it go in?

4. Dog has 6 tallies and cat has 4. How many more students chose dog?

5. Is colour of your bag a categorical variable?

Spot the mistake

6. What is wrong? "Making a new category for every rare answer."

7. What is wrong? "Drawing the 5th tally mark next to the other four."

8. What is wrong? "Asking "What do you like?" with no choices."

Answer key (for parents and tutors)

1. In the question "What is your favourite fruit?", what is the variable?
   favourite fruit
2. A tally shows one gate and 3 more marks. How many is that?
   8
3. Only 1 student says guinea pig for favourite pet. Which category can it go in?
   other
4. Dog has 6 tallies and cat has 4. How many more students chose dog?
   2
5. Is colour of your bag a categorical variable?
   yes, the colours sort into groups
6. What is wrong? "Making a new category for every rare answer."
   Put rare answers like lizard or axolotl together in other.
7. What is wrong? "Drawing the 5th tally mark next to the other four."
   The 5th mark goes across the four. Then you can count in fives.
8. What is wrong? "Asking "What do you like?" with no choices."
   Give a few choices, so the answers fit into a small number of categories.