Year 4 · Statistics: Sorting and Counting Data

Name: _____ Date: _____

Hi there! This sheet helps you learn about different kinds of data, words we can sort into groups, and numbers we count or measure. Grab a pencil and have fun!

Warm-up

1. Is the colour of a car (red, blue, white) something we sort into groups, or something we count? Write "sort into groups" or "count".

2. How many pets a family owns is counted. Write down three numbers that could be answers.

3. Kiri did 18 skips in the first try and 21 skips in the second try. How many skips altogether?

4. A ribbon is 47 cm long. Round it to the nearest 10 cm.

Practice

5. Tick which of these are counted (discrete) and which are measured (continuous): (a) number of goals in a netball game, (b) how tall you are, (c) number of students in a class.

6. At Avondale School, the favourite fruit of 5 students was: apple, banana, apple, kiwifruit, apple. Which fruit was most popular, and how many chose it?

7. Tama timed how long it took to run 100 m on three days: 24 seconds, 22 seconds, 25 seconds. What was his fastest time?

8. Mrs Patel's class counted skips in 30 seconds: Sina 34, Leo 29, Mere 41. How many more skips did Mere do than Leo?

9. A water bottle holds 748 mL. Round this to the nearest 100 mL.

10. Four friends measured their long jumps: 1.2 m, 1.5 m, 1.3 m, 1.5 m. What is the difference between the longest and shortest jump?

Challenge

11. The class recorded how many skips each person did in 30 seconds: 20, 25, 25, 30, 30, 30. What number of skips happened most often, and what is the total of all skips?

12. Ana ran 1000 m in 5 minutes and 40 seconds. Rewrite this time in seconds, then say whether it rounds to the nearest minute as 5 or 6 minutes.