

WORKSHEET 1: READ THE GRAPH CAREFULLY

Name: _____ Date: _____

PART A: FAVOURITE PETS GRAPH

Look at this graph about a class's favourite pets:

Cats:         (8 students)

Dogs:       (6 students)

Fish:    (3 students)

Birds:      (5 students)

1. Which pet was the most popular? _____
 2. Which pet was the least popular? _____
 3. How many students chose cats? _____
 4. How many students chose dogs or fish altogether? _____
Hint: $6 + 3 = \underline{\quad}$
 5. How many more students chose cats than fish? _____
Hint: $8 - 3 = \underline{\quad}$
 6. How many students are in the class altogether? _____
Hint: $8 + 6 + 3 + 5 = \underline{\quad}$
-

PART B: GRAPH KNOWLEDGE

7. Circle the best answer: The graph title helps you know:
(a) the colours (b) what the graph is about (c) who drew it (d) how many categories
8. True or False: Labels help you read the categories on a graph. _____
9. Fill in the blank: Before answering questions about a graph, read the _____ first.
10. What does the scale on a bar graph tell you?

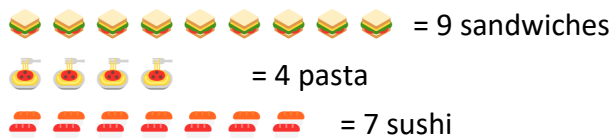
WORKSHEET 2 : COMPARE AND ANALYSE DATA DISPLAYS

LUNCH CHOICES DATA

DISPLAY A: Bar Graph with Scale



DISPLAY B: Picture Graph (1 picture = 1 student)



PART A: COMPARE THE DISPLAYS (Questions 1-12)

- True or False: Display A and Display B show the same data. _____
- Which lunch choice was the most popular? _____
- Which lunch choice was the least popular? _____
- How many students chose sushi? _____
- How many more students chose sandwiches than pasta? _____
Hint: $9 - 4 = \underline{\quad}$
- How many students were surveyed altogether? _____
Hint: $9 + 4 + 7 = \underline{\quad}$
- Circle the best answer: If two graphs show the same data, the answers should be:
(a) different (b) the same (c) impossible (d) sometimes different

8. Fill in the blank: We compare graphs by looking for what is the same and what is _____.

9. Which display might be quicker to understand at a glance? _____

(Display A or Display B)

Explain why: _____

10. Which display might make exact amounts easier to read? _____

(Display A or Display B)

Explain why: _____

11. Write two SIMILARITIES between the two displays:

(1) _____

(2) _____

12. Write two DIFFERENCES between the two displays:

(1) _____

(2) _____