



Data Collection

SCORE

___ / 20

Chapter: Statistics • Level ★★★ • Time: 30 min

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

- ✓ Classify data as discrete or continuous. ✓ Classify data as qualitative or quantitative.
- ✓ Identify common sampling methods. ✓ Distinguish a population from a sample.



Section A • Concept Check

• BEGINNER

$4 \times 1 = 4$

- 1** 'Number of goals in a match' is:

☐ A. discrete ☐ B. continuous ☐ C. qualitative

☐ D. categorical

3 Selecting every 10th person from a list is:

☐ A. random ☐ B. systematic ☐ C. stratified

☐ D. cluster

2 'Time to finish a race' is:

☐ A. discrete ☐ B. continuous ☐ C. qualitative

☐ D. nominal

4 'Blood type' is:

☐ A. quantitative ☐ B. qualitative

☐ C. continuous ☐ D. discrete



Section B • Problem Solving

• INTERMEDIATE

$2 + 3 \times 3 = 11$

- 5** Countable data that takes separate values is _____
- 6** Data measured on a continuous scale is _____
- 7** Classify 'number of goals scored in a match' as discrete or continuous.
- _____
- 8** Classify 'time to finish a race' as discrete or continuous.
- _____
- 9** A survey selects every 10th person from a customer list. Which sampling method is this?
- _____



Section C • Challenge

• CHALLENGE

5

- 10** Classify 'blood type' as qualitative or quantitative.
- _____

🧠 Reflection — the most useful thing I learned: _____

A ___/4 B ___/11 C ___/5 Total ___/20

Teacher's Signature _____

Parent's Signature _____

✂️ ANSWER KEY — FOLD OR CUT BEFORE HANDING OUT

1-A 2-B 3-B 4-B | 5 discrete 6 continuous 7 = Discrete 8 = Continuous 9 = Systematic
sampling | 10 = Qualitative