



Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Create objects with key:value ✓ Dot vs bracket access ✓ Add/update properties ✓ Loop with Object.keys

Section A · Concept Check • BEGINNER $4 \times 1 = 4$ _____**1** const u={name:'Ali'}; u.name is:☐ A. 'name' ☐ B. 'Ali' ☐ C. undefined ☐ D. error**2** Bracket access looks like:☐ A. u->name ☐ B. u['name'] ☐ C. u::name☐ D. u(name)**3** Add age with:☐ A. u.age=16 ☐ B. u.add(age) ☐ C. age in u☐ D. u+age**4** Object.keys(u) returns:☐ A. values ☐ B. an array of keys ☐ C. length☐ D. JSON **Section B · Problem Solving** • INTERMEDIATE $2 + 3 \times 3 = 11$ _____**5** Objects store:value pairs.**6** u..... = 'Lahore' adds a city.**7** Create an object for a book (title, pages).

8 Read pages with brackets.

9 Loop and log every key of book.

Section C · Challenge • CHALLENGE 5 _____**10** Dot vs bracket – when must you use brackets?

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-B 2-B 3-A 4-B | 5 key 6 city 7 = const book={title:'JS', pages:120}; 8 = book['pages']
9 = for(const k of Object.keys(book)) console.log(k) | 10 = Dynamic keys or keys with spaces/dashes