



Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Write for and while loops ✓ Loop arrays with for...of ✓ break/continue ✓ Avoid infinite loops



Section A · Concept Check

• BEGINNER

4 × 1 = 4

- 1 for(let i=0;i<3;i++) runs:
☐ A. 2 times ☐ B. 3 times ☐ C. 4 times
☐ D. forever
- 2 for...of iterates:
☐ A. keys ☐ B. values of an iterable ☐ C. types
☐ D. indexes only
- 3 break does:
☐ A. skips one ☐ B. exits the loop ☐ C. restarts
☐ D. pauses
- 4 while(true) without break is:
☐ A. fine ☐ B. an infinite loop ☐ C. a syntax error
☐ D. skipped



Section B · Problem Solving

• INTERMEDIATE

2 + 3×3 = 11

- 5 The loop header has init; condition; _____
- 6 continue jumps to the next _____
- 7 Log 1..5 with a for loop.

- 8 Sum [2,4,6] with for...of.

- 9 What prints? for(let i=0;i<3;i++) console.log(i*10)



Section C · Challenge

• CHALLENGE

5

- 10 Fix the infinite loop: while(i<5){console.log(i)}



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-B 4-B | 5 update (i++) 6 iteration 7 = for(let i=1;i≤5;i++) console.log(i) 8
= let s=0; for(const n of arr) s+=n; // 12 9 = 0 10 20 | 10 = Add i++ inside the loop