



Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Use for with range() ✓ Use while loops ✓ break and continue ✓ Trace loop output

Section A • Concept Check • BEGINNER $4 \times 1 = 4$ _____

- 1 range(3) yields:
☐ A. 1,2,3 ☐ B. 0,1,2 ☐ C. 0,1,2,3 ☐ D. 1,2
- 2 Which exits a loop early?
☐ A. stop ☐ B. exit ☐ C. break ☐ D. end
- 3 continue does what?
☐ A. ends the loop ☐ B. skips to next iteration
☐ C. pauses ☐ D. restarts program
- 4 while True: with no break is:
☐ A. an error ☐ B. an infinite loop ☐ C. skipped
☐ D. run once

Section B • Problem Solving • INTERMEDIATE $2 + 3 \times 3 = 11$ _____

- 5 range(2, 5) yields 2, 3, _____
- 6 for x in 'ab': loops _____ times.
- 7 Print numbers 1 to 5 with a for loop.

- 8 How many times does for i in range(10) run?

- 9 What does this print? for i in range(3): print(i*2)

Section C • Challenge • CHALLENGE 5 _____

- 10 Write a while loop counting down 3,2,1.

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-C 3-B 4-B | 5 4 6 2 7 = for i in range(1, 6): print(i) 8 = 10 9 = 0 2 4 | 10
= n=3; while n>0: print(n); n-=1