BitWith Bite

PYTHON WORKSHEET

Variables & Data Types

Chapter: Python · Level ★☆☆ · Time: 30 min

SCORE ___ / 20

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Create variables ✓ Identify int, float, str and bool types ✓ Use type() to inspect values ✓ Follow naming rules

Section A · Concept Check • BEGINNER 4 × 1 = 4

1 x = 5 makes x a:

◯ A. str ◯ B. int ◯ C. float ◯ D. bool

2 Which is a valid variable name?

◯ A. 2cool ◯ B. my-var ◯ C. my_var ◯ D. class

3 type(3.14) returns:

◯ A. int ◯ B. float ◯ C. str ◯ D. double

4 True and False are of type:

◯ A. bool ◯ B. bit ◯ C. str ◯ D. int

Section B · Problem Solving • INTERMEDIATE 2 + 3×3 = 11

5 x = 'hi' makes x a _____.

6 type(10) is _____.

7 Create a variable age holding 16.

_____

8 What does type('5') return?

_____

9 Convert the string '7' to an integer.

_____

Section C · Challenge • CHALLENGE 5

10 What is x after: x = 4; x = x + 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-A | 5 str (string) 6 int 7 = age = 16 8 = str 9 = int('7') | 10 = 5