

Week 2 Quiz: Variables and Data Types

Name: _____ Date: _____

Score: ____ / 30

Instructions:

- This is a 10-minute quiz on paper
- No computers, phones, or notes allowed

Part 1: Multiple Choice (4 points each)

1. Which is a valid variable name?

- a) 2name
- b) user_name
- c) user-name
- d) user name

2. What data type is "25"?

- a) integer
- b) string
- c) float
- d) boolean

3. What does input() always return?

- a) integer
- b) string
- c) float
- d) depends on what user types

Part 2: Fill in the Code (3 points each)

4. Convert this string to an integer:

```
age_text = "20"  
age_number = _____(age_text)
```

5. Create a boolean variable:

```
is_student = _____
```

Part 3: Fix the Errors (4 points each)

6. Fix this code by crossing out the error and writing the correction:

```
user_age = "25"  
next_year = user_age + 1  
print("Next year you'll be", next_year)
```

7. Fix this code by crossing out the error and writing the correction:

```
hero_name = "Superman"  
print("My hero is", hero_name)
```

8. Fix this code by crossing out the error and writing the correction:

```
student name = "Alice"  
print("Hello", student name)
```