



Variables & Data Types

SCORE

___ / 20

Chapter: JavaScript • Level ★☆☆ • Time: 30 min

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

- ✓ Declare with let and const ✓ Know when to use const ✓ Identify types with typeof
- ✓ Name variables correctly

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

- 1** Which cannot be reassigned?

☐ A. let ☐ B. const ☐ C. var ☐ D. both let/var

2 typeof 'hi' is:

☐ A. text ☐ B. string ☐ C. char ☐ D. word

3 typeof 42 is:

☐ A. int ☐ B. float ☐ C. number ☐ D. digit

4 Valid name:

☐ A. 2x ☐ B. my-x ☐ C. myX ☐ D. let

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

- 5** Declare a changeable variable with _____
- 6** Declare a constant with _____
- 7** Declare score starting at 0.

8 Why does `const pi = 3.14; pi = 3;` fail?

9 What is typeof null (the famous quirk)?

Section C • Challenge • CHALLENGE 5 _____

10 Declare your name as a constant.

 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-C 4-C | 5 let 6 const 7 = let score = 0; 8 = const cannot be reassigned (TypeError) 9 = 'object' | 10 = const name = 'Ali';