



Conditional Statements

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

SCORE

___ / 20

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Write if/else if/else ✓ Use the ternary operator ✓ Understand truthy/falsy ✓ Switch statements

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

- 1 'else if' lets you:
 - ☐ A. loop ☐ B. test more conditions
 - ☐ C. end script ☐ D. import
- 2 `cond ? a : b` is the:
 - ☐ A. pipe ☐ B. ternary operator ☐ C. spread
 - ☐ D. arrow
- 3 Which is falsy?
 - ☐ A. '0' ☐ B. 0 ☐ C. [] ☐ D. 'false'
- 4 `switch` compares with:
 - ☐ A. `==` ☐ B. `===` ☐ C. `<` ☐ D. `>=`

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

- 5 if (`x` _____ 18) checks adult (at least 18).
- 6 Empty string `"` is _____ (truthy/falsy).
- 7 Write if/else printing 'even' or 'odd' for `n`.

- 8 Rewrite with ternary: `pass = score >= 50 ? 'Pass' : 'Fail'`.

- 9 List three falsy values.

Section C • Challenge • CHALLENGE 5

- 10 When is `switch` nicer than `if/else`?

Reflection — the most useful thing I learned: _____

A ___/4 B ___/11 C ___/5 **Total ___/20**

Teacher's Signature

Parent's Signature

&times; ANSWER KEY — FOLD OR CUT BEFORE HANDING OUT

1-B 2-B 3-B 4-B | 5 $\geq$ 6 falsy 7 = `if(n % 2 === 0){...even}else{...odd}` 8 = `const pass = score >= 50 ? 'Pass' : 'Fail';` 9 = 0, '', null (also undefined, NaN, false) | 10 = Many exact-match cases on one value