



CSS Variables & Theming

Chapter: HTML & CSS · Level ★★ · Time: 30 min

SCORE

___ / 20

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Define --custom properties ✓ Use var() ✓ Theme with :root ✓ Swap themes



Section A · Concept Check

• BEGINNER

4 × 1 = 4

- 1 Variables are declared like:
☐ A. --main: #333; ☐ B. \$main: #333;
☐ C. @main: #333; ☐ D. var main
- 2 Use them with:
☐ A. var(--main) ☐ B. use(--main)
☐ C. get(main) ☐ D. --main()
- 3 Global variables live on:
☐ A. :root ☐ B. :global ☐ C. body only
☐ D. html tag only
- 4 var(--x, red) - red is the:
☐ A. fallback ☐ B. priority ☐ C. override
☐ D. error



Section B · Problem Solving

• INTERMEDIATE

2 + 3×3 = 11

- 5 :root { --accent: _____; } (any colour).
- 6 color: var(--_____);
- 7 Define brand colour once, use on buttons + links.

- 8 Sketch a dark-theme override.

- 9 Why variables beat find-replace colours?



Section C · Challenge

• CHALLENGE

5

- 10 Can JS change CSS variables?

🧠 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-A 2-A 3-A 4-A | 5 #3b82f6 6 accent 7 = :root{--brand:#3b82f6} .btn,a{color:var(--brand)}
8 = [data-theme='dark']{--bg:#111;--text:#eee} 9 = Single source of truth; instant theming; fewer errors | 10 = Yes - el.style.setProperty('--x', value)