



Transitions & Animations

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

SCORE

___ / 20

Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ transition on hover ✓ keyframes animations ✓ transform moves/scales ✓ Performance basics

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

- 1 Smooth hover changes use:
☐ A. transition ☐ B. teleport ☐ C. morph
☐ D. switch
- 2 Multi-step animations use:
☐ A. @keyframes ☐ B. @steps ☐ C. @frames
☐ D. @loop
- 3 Move/rotate/scale with:
☐ A. transform ☐ B. translate prop only
☐ C. position ☐ D. shift
- 4 Cheapest properties to animate:
☐ A. transform + opacity ☐ B. width + top
☐ C. margin ☐ D. font-size

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

- 5 transition: all .3s _____ adds smoothing (timing function).
- 6 transform: _____(1.1) grows an element 10%.
- 7 Button grows slightly on hover – CSS?

- 8 Write a fade-in keyframes animation.

- 9 Why animate transform, not left/top?

Section C · Challenge • CHALLENGE 5 _____

- 10 What does animation-delay do?

🧠 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

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1-A   2-A   3-A   4-A | 5 ease   6 scale   7 = .btn{transition:transform .2s}
.btn:hover{transform:scale(1.05)}   8 = @keyframes fade{from{opacity:0}to{opacity:1}}
.x{animation:fade .5s}   9 = GPU-accelerated - smoother, no layout recalcs | 10 = Waits before the
animation starts

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