



Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

✓ Inline SVG shapes ✓ rect, circle, line, text ✓ viewBox scaling ✓ SVG vs raster images

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

- 1** SVG graphics are:
☐ A. vector (scale cleanly) ☐ B. pixels
☐ C. photos ☐ D. compressed JPGs
- 2** A circle uses attributes:
☐ A. cx, cy, r ☐ B. x, y, w ☐ C. left, top
☐ D. d only
- 3** The coordinate system comes from:
☐ A. viewBox ☐ B. grid ☐ C. frame ☐ D. zoom
- 4** SVG excels for:
☐ A. logos/icons/charts ☐ B. photographs
☐ C. audio ☐ D. video

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

- 5** <rect width height x y> draws a _____.
- 6** fill sets the _____ colour.
- 7** Draw a red circle r=40 at (50,50).

- 8** SVG vs PNG for a logo – why SVG?

- 9** What does viewBox="0 0 100 100" define?

Section C • Challenge • CHALLENGE 5 _____

- 10** Draw a line from (0,0) to (100,100).

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 rectangle 6 inside/fill 7 = <svg><circle cx="50" cy="50" r="40" fill="red"/></svg> 8 = Infinitely scalable, tiny file, editable/stylable with CSS 9 = Internal coordinate space that scales to the rendered size | 10 = <line x1="0" y1="0" x2="100" y2="100" stroke="black"/>