

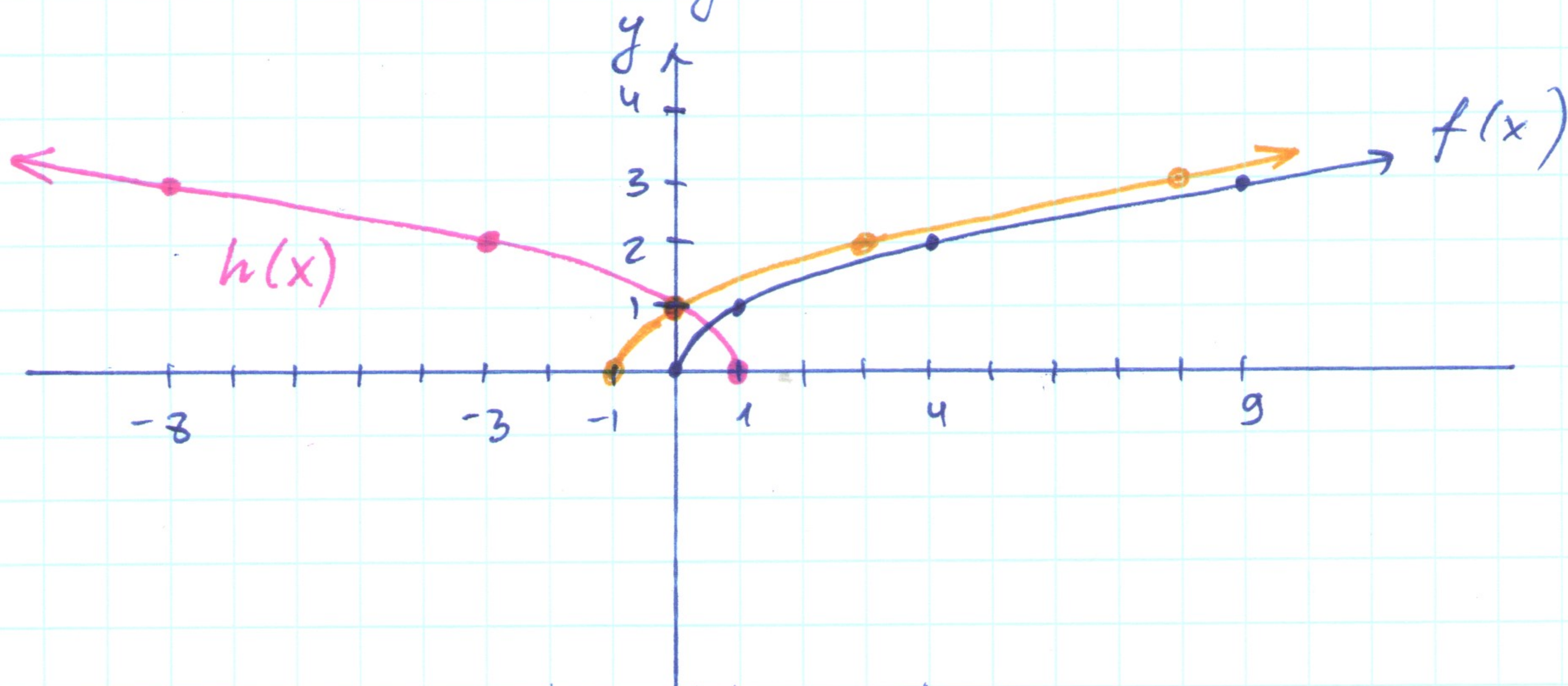
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$$h(x) = \sqrt{-x+1},$$

base: $f(x) = \sqrt{x}$

$$h(x) = f(-x+1)$$

- ① horizontal shift (1 unit left) —
- ② reflection about y-axis —



we can check:

x	1	0	-3	-8
$\sqrt{-x+1}$	0	1	$\sqrt{4} = 2$	$\sqrt{9} = 3$

- all the points are present on the graph of $h(x)$ ✓