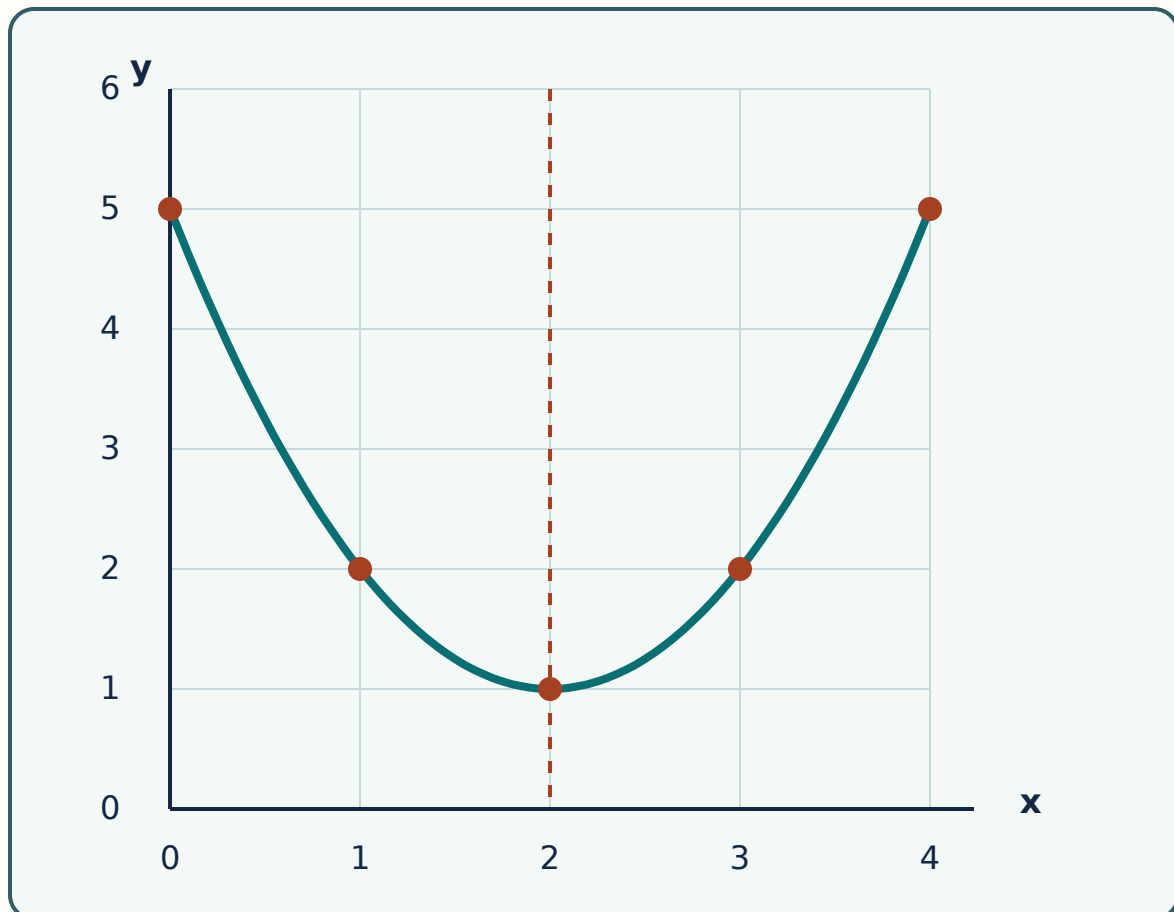


Read the quadratic graph

$y = (x - 2)^2 + 1$, an abstract rule

The five marked points are (0,5), (1,2), (2,1), (3,2), (4,5).

The curve and coordinates are an original mathematical diagram.



WORKED EXAMPLE

Turning point (2,1); axis $x = 2$; y-intercept (0,5).

No x-intercept: $(x - 2)^2 + 1$ is at least 1.

TRY IT: Where is the matching point for $x = 1$?

Tactile / low-vision route:

Place five raised points; fold the grid along $x = 2$ to match pairs.

Original fictional practice · A4 · complete text alternative supplied