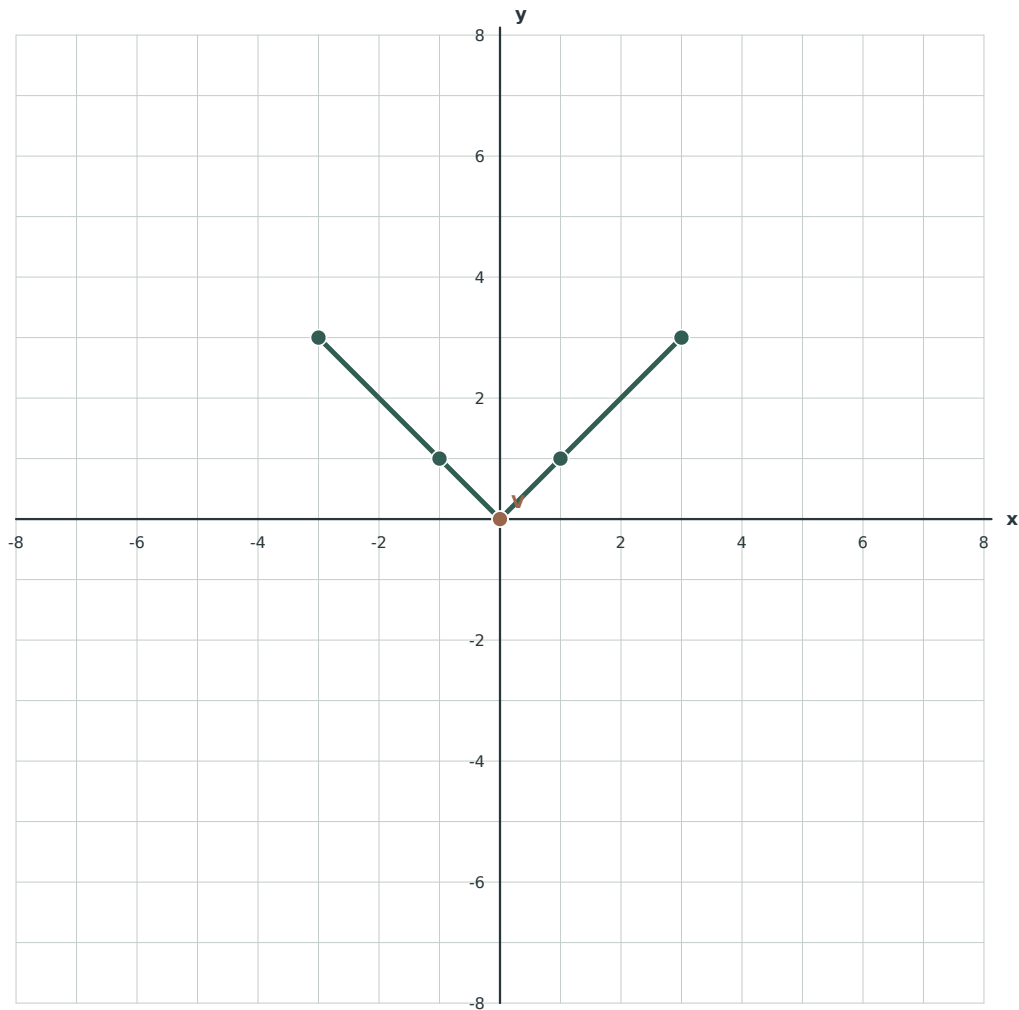


A centered V

Use the vertex form $y = a|x-h|+k$. Plot the table points and join the two straight arms with a sharp corner.

$y = 1|x - (0)| + (0)$. x values: -3, -1, 0, 1, 3.

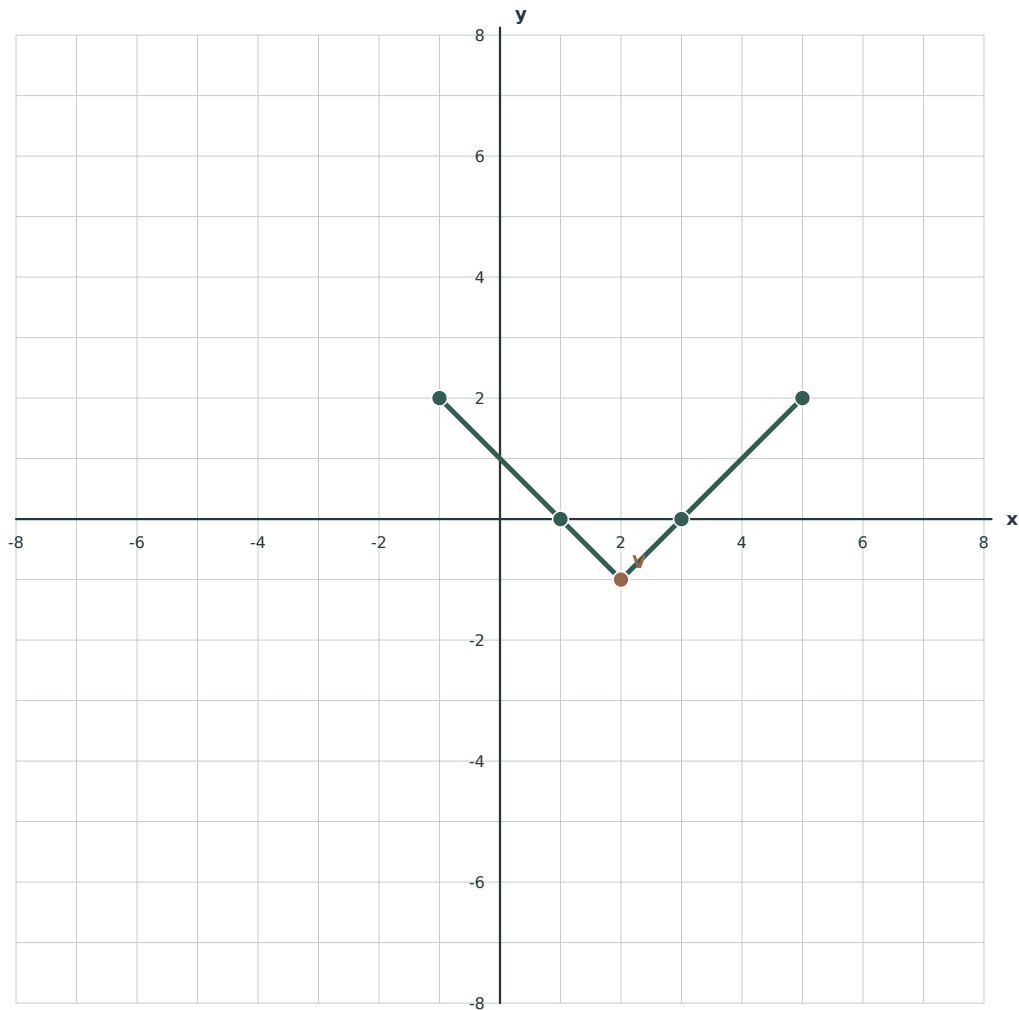


1. Locate the vertex and symmetry line. Compare the completed plot.
2. Complete the five table values. Compare the completed plot.
3. State opening direction. Compare the completed plot.

A shifted V

Use the vertex form $y = a|x-h|+k$. Plot the table points and join the two straight arms with a sharp corner.

$y = 1|x - (2)| + (-1)$. x values: -1, 1, 2, 3, 5.

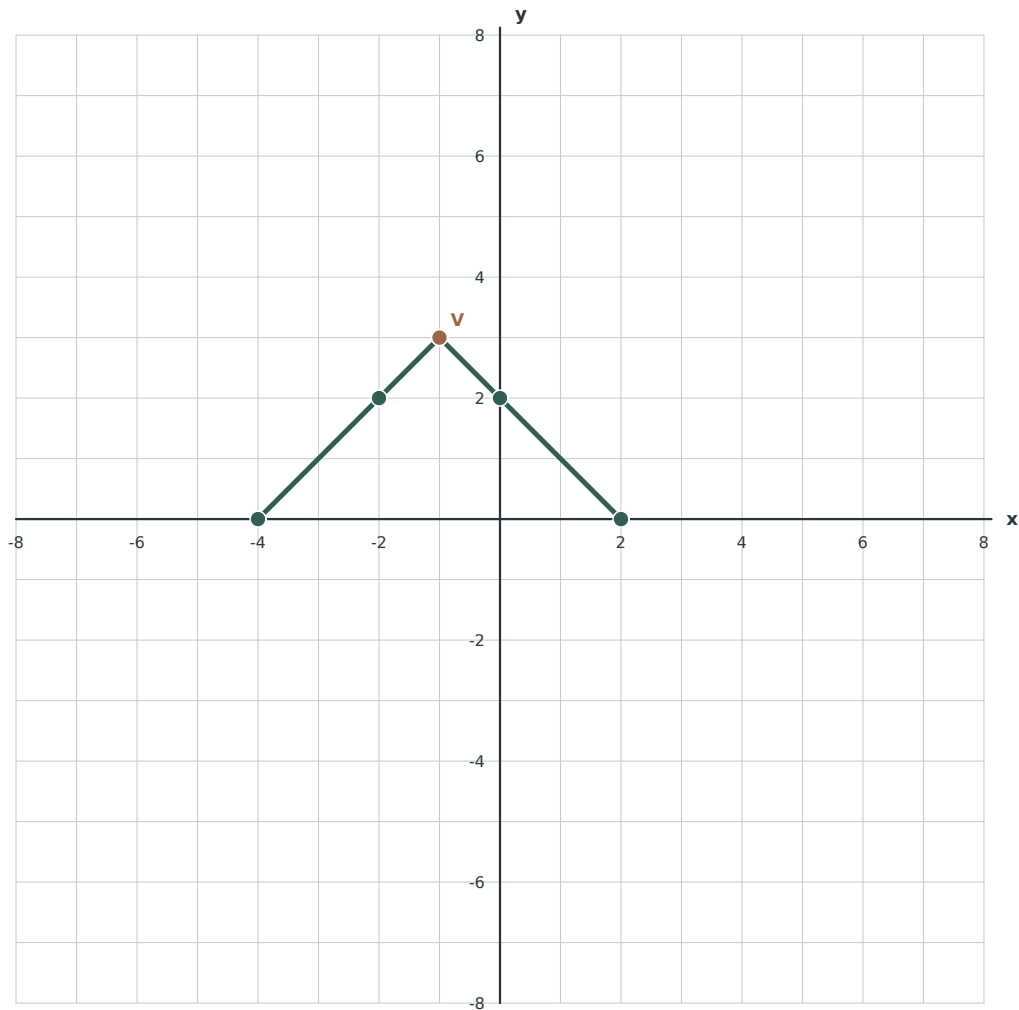


1. Locate the vertex and symmetry line. Compare the completed plot.
2. Complete the five table values. Compare the completed plot.
3. State opening direction. Compare the completed plot.

A reflected V

Use the vertex form $y = a|x-h|+k$. Plot the table points and join the two straight arms with a sharp corner.

$y = -1|x - (-1)| + (3)$. x values: -4, -2, -1, 0, 2.

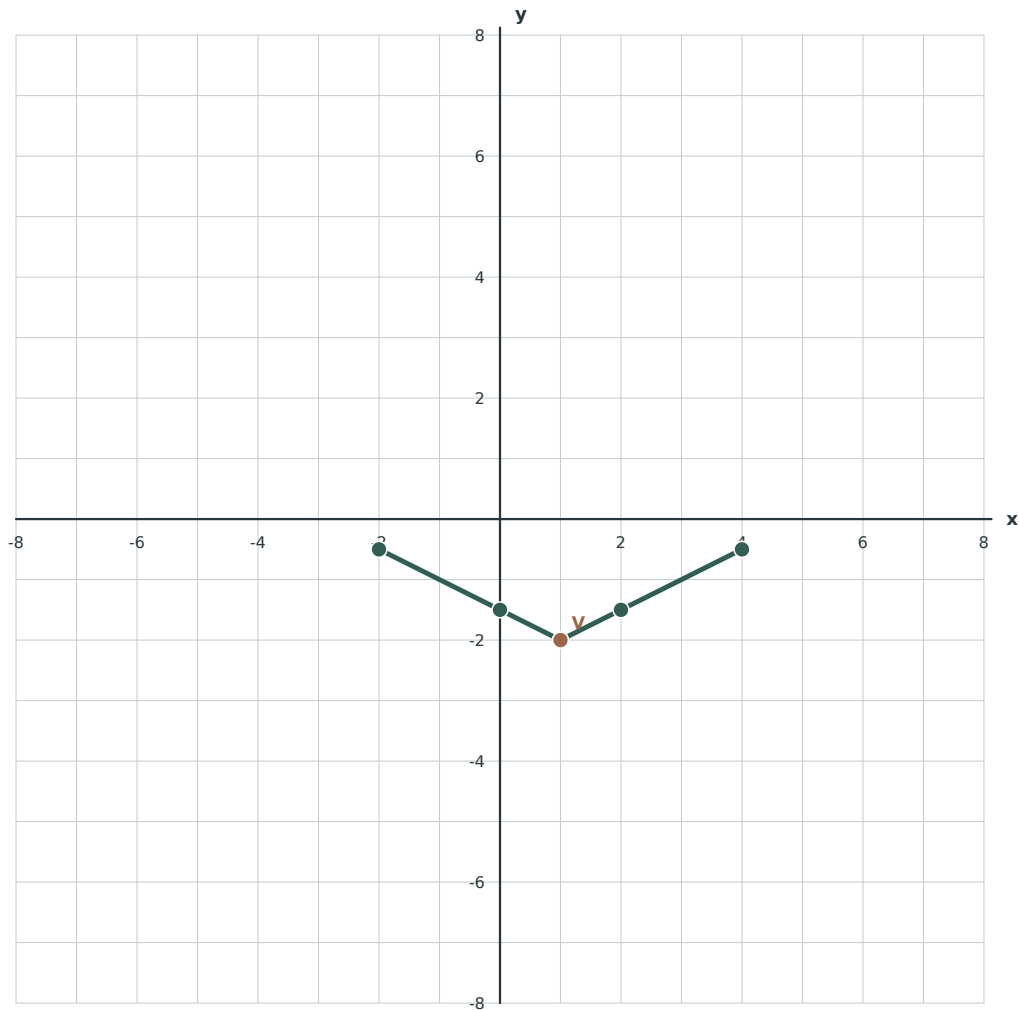


1. Locate the vertex and symmetry line. Compare the completed plot.
2. Complete the five table values. Compare the completed plot.
3. State opening direction. Compare the completed plot.

A wider V

Use the vertex form $y = a|x-h|+k$. Plot the table points and join the two straight arms with a sharp corner.

$y = 1/2|x - (1)| + (-2)$. x values: -2, 0, 1, 2, 4.



1. Locate the vertex and symmetry line. Compare the completed plot.
2. Complete the five table values. Compare the completed plot.
3. State opening direction. Compare the completed plot.