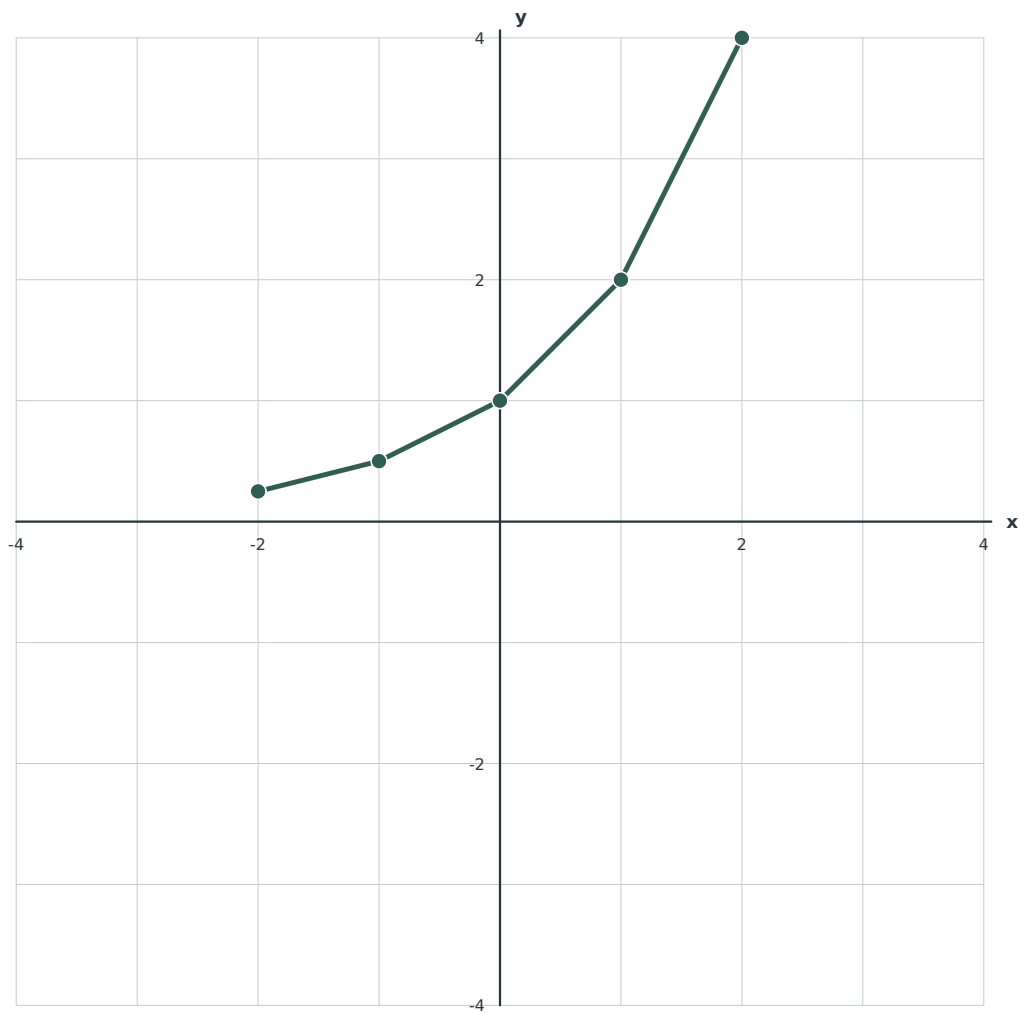


Growth from one

Use $y = a \cdot b^{(x-h)} + k$. Plot the supplied table in order, then sketch a smooth curve. The visible window is a finite sample.

$y = 1 \cdot 2^{(x - (0))} + (0)$. x values: -2, -1, 0, 1, 2.



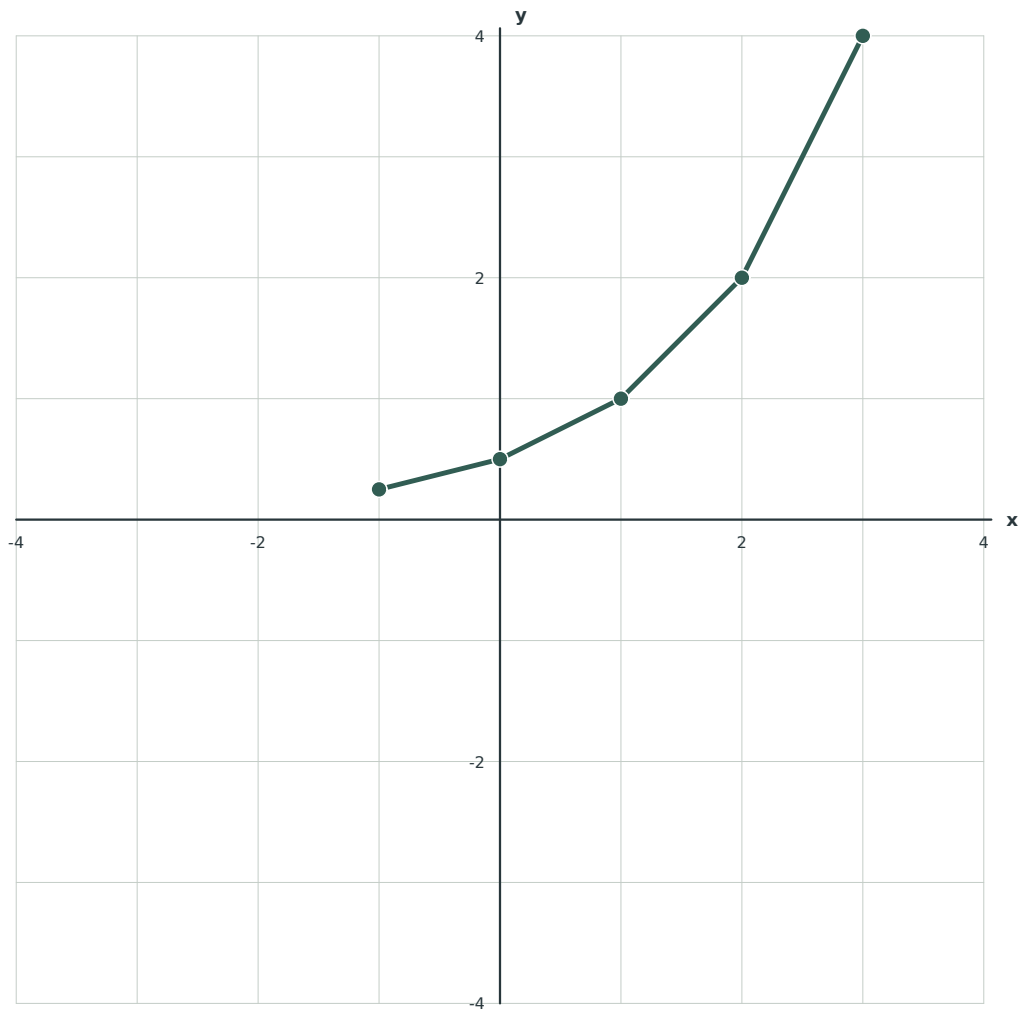
1. Complete the table values. Compare the completed plot.
2. Identify the horizontal and vertical shifts. Compare the completed plot.
3. Growth or decay? Compare the completed plot.

Original practice data / coordinate units, not ruler measurements / physical printing not tested

Growth with a shift

Use $y = a \cdot b^{(x-h)} + k$. Plot the supplied table in order, then sketch a smooth curve. The visible window is a finite sample.

$y = 1 \cdot 2^{(x - (1))} + (0)$. x values: -1, 0, 1, 2, 3.



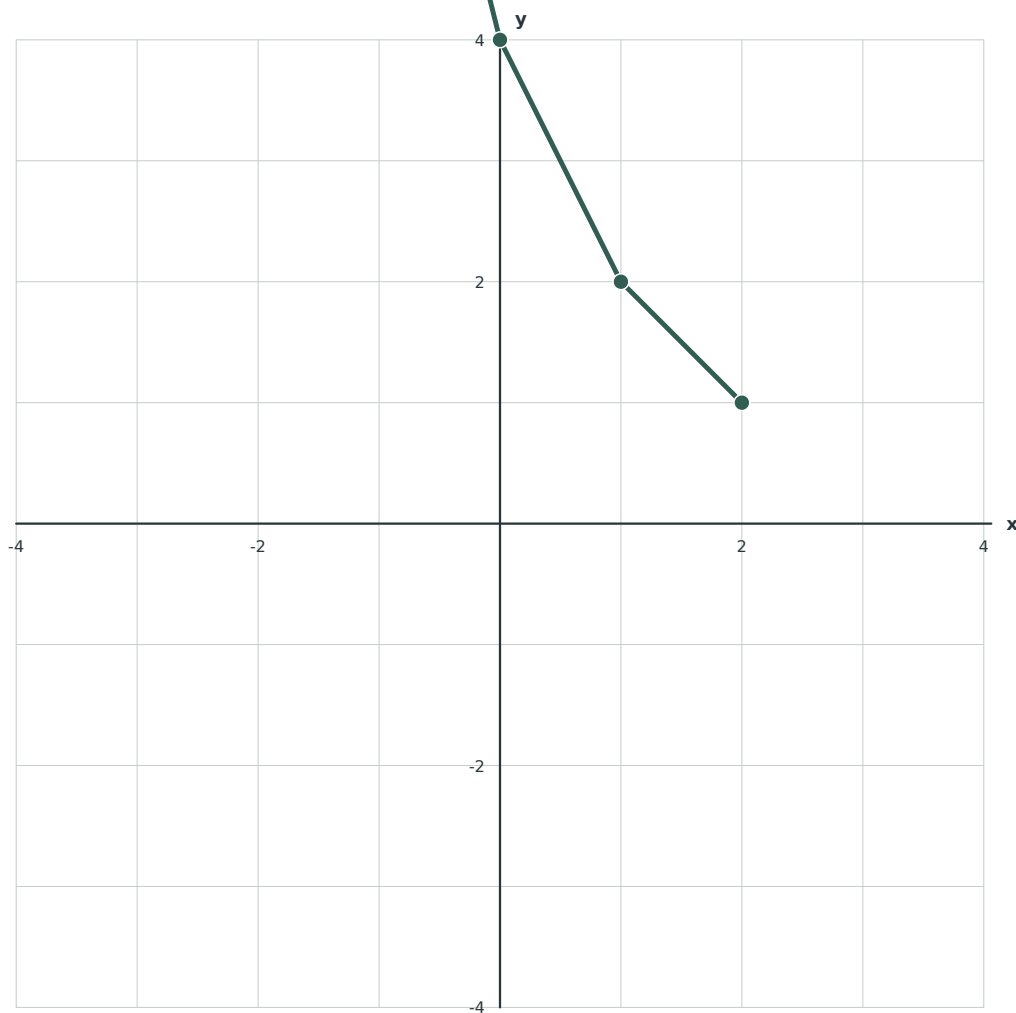
1. Complete the table values. Compare the completed plot.
2. Identify the horizontal and vertical shifts. Compare the completed plot.
3. Growth or decay? Compare the completed plot.

Original practice data / coordinate units, not ruler measurements / physical printing not tested

Decay from four

Use $y = a \cdot b^{(x-h)} + k$. Plot the supplied table in order, then sketch a smooth curve. The visible window is a finite sample.

$y = 4 \cdot 1/2^{(x - (0))} + (0)$. x values: -2, -1, 0, 1, 2.



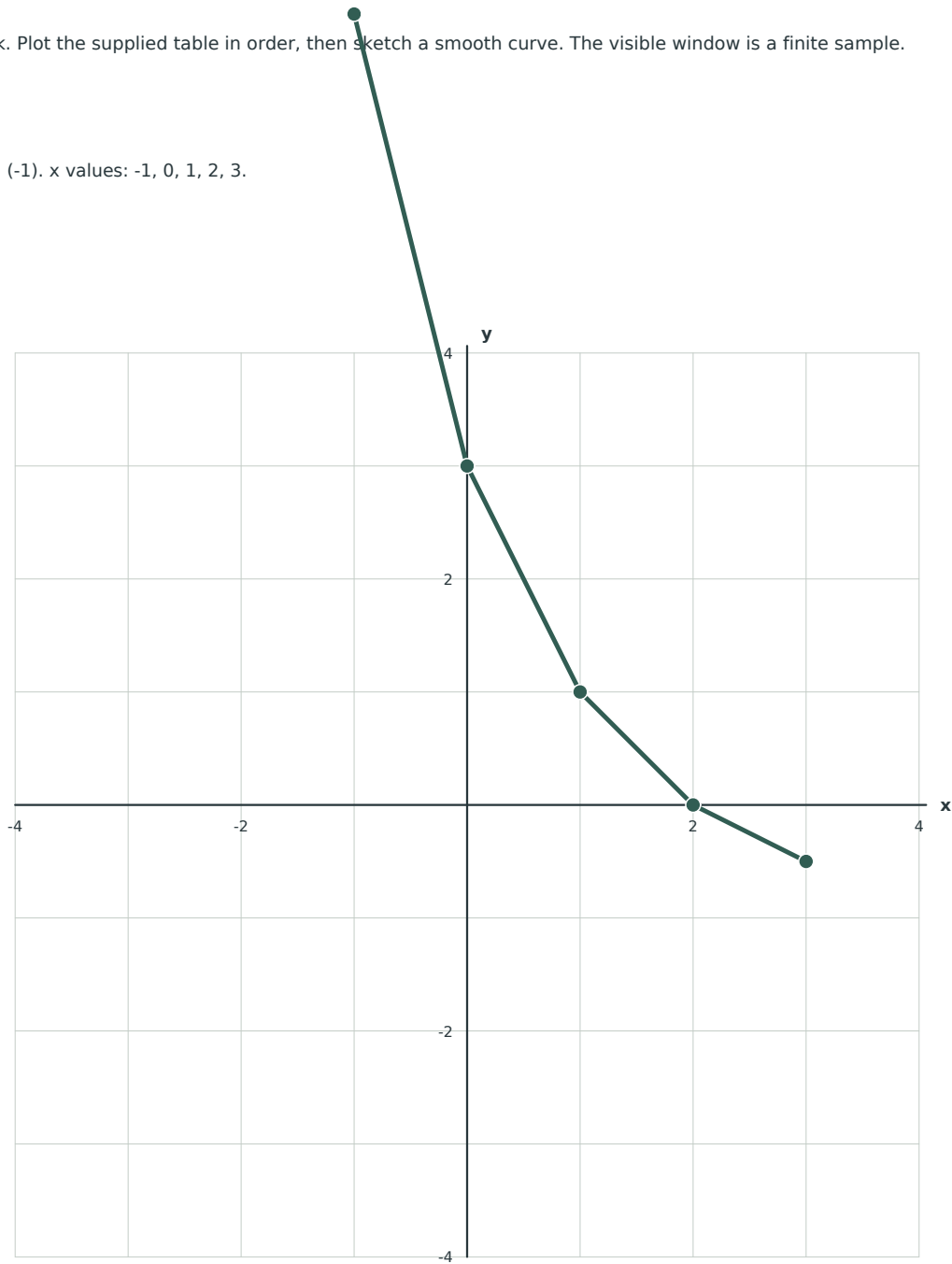
1. Complete the table values. Compare the completed plot.
2. Identify the horizontal and vertical shifts. Compare the completed plot.
3. Growth or decay? Compare the completed plot.

Original practice data / coordinate units, not ruler measurements / physical printing not tested

Shifted decay

Use $y = a \cdot b^{(x-h)} + k$. Plot the supplied table in order, then sketch a smooth curve. The visible window is a finite sample.

$y = 2 \cdot 1/2^{(x - (1))} + (-1)$. x values: -1, 0, 1, 2, 3.



1. Complete the table values. Compare the completed plot.
2. Identify the horizontal and vertical shifts. Compare the completed plot.
3. Growth or decay? Compare the completed plot.

Original practice data / coordinate units, not ruler measurements / physical printing not tested