

*Graph each function. Identify whether the function is growth or decay and what transformations will occur. Set up a table of values, and graph the coordinates. State the domain and range.

1. $y = 2^x + 1$

*Growth vs. Decay

*Transformations

$a =$

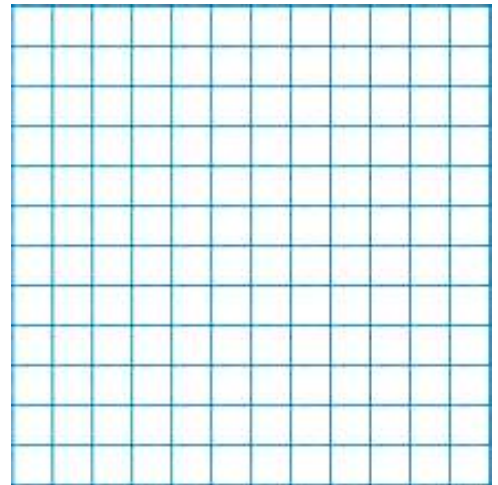
$h =$

$k =$

*Domain

*Range

| x | y |
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2. $g(x) = 0.25(4)^x - 6$

*Growth vs. Decay

*Transformations

$a =$

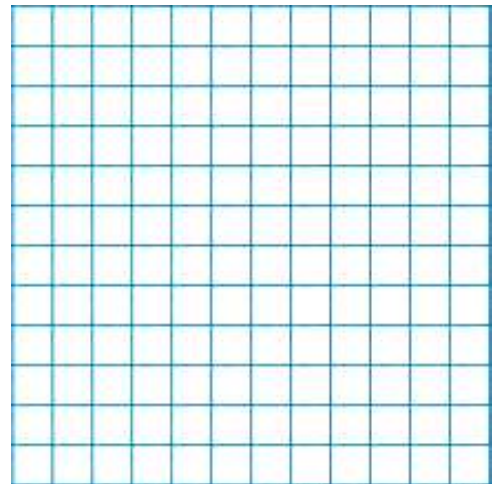
$h =$

$k =$

*Domain

*Range

| x | y |
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3. $f(x) = -3\left(\frac{2}{5}\right)^{x-4} + 2$

*Growth vs. Decay

*Transformations

$a =$

$h =$

$k =$

*Domain

*Range

| x | y |
|-----|-----|
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