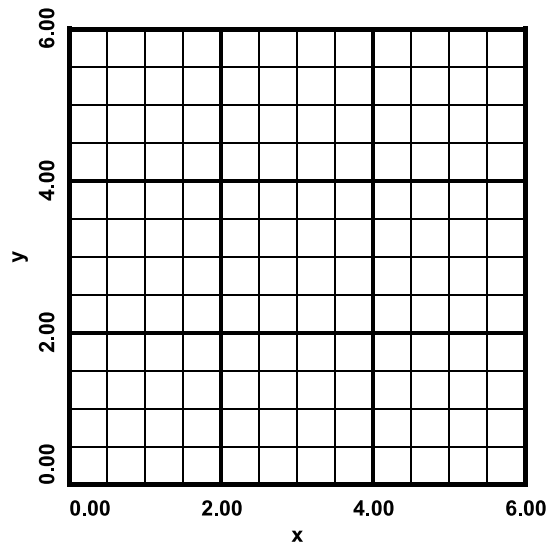


For problems 1 and 2:

- graph the points in the table on the grid provided,
- find the quadratic regression equation and  $r^2$  for the points, and
- find the exponential regression equation and  $r^2$  for the points.
- Which regression equation is more accurate? Justify your answer.
- Graph the more accurate regression equation on the grid.

1)

$x$	$y$
1	1.5
2	1.8
3	2.1
4	2.6
5	3.1



2)

$x$	$y$
1	3.4
2	7.1
3	14.8
4	31.1
5	65.4

