

## Deltamath warmup

Show your work. For graphs, use a pencil and straight edge.

### Graphing linear functions

1. Two functions are shown in the table,  $f(x)$  and  $g(x)$ .
  - (a) Plot the points on the graph. Draw and label straight lines for each function.
  - (b) Label the point  $P$  where  $f(x) = g(x)$ . Add that row to the table.
  - (c) Circle the  $y$ -intercepts of each function in the table.
  - (d) Write the line differences next to the table to find the slopes.
  - (e) Write down the equations of both functions.

$x$	$f(x)$	$g(x)$
0	2	0
2	3	1.5
4	4	3
6	5	4.5

