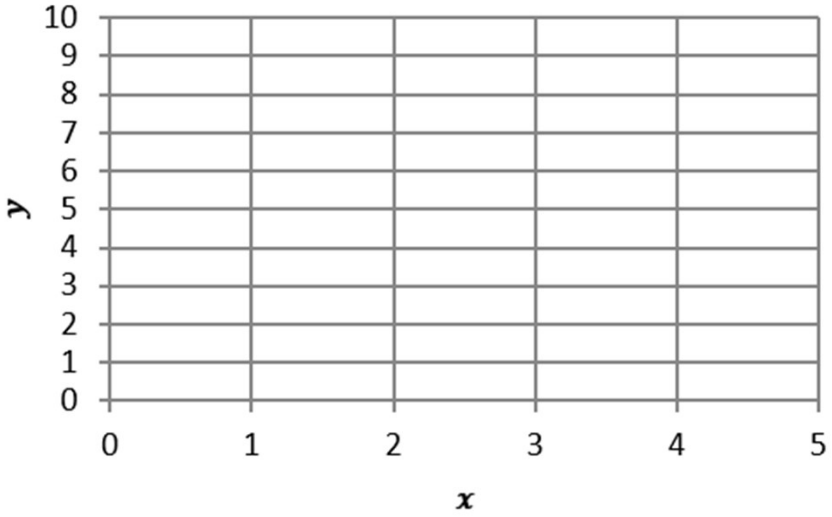
# Proportion Worksheets
# (Graphs)

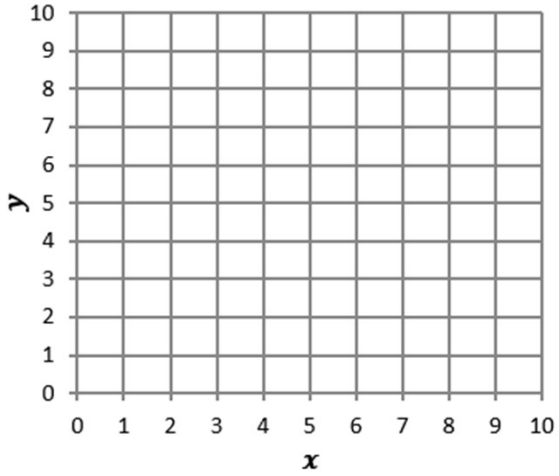
1. Graph the following table, and identify if the two quantities are proportional to each other on the graph. Explain why or why not.

| $x$ | $y$ |
|---|---|
| 1 | 4 |
| 2 | 5 |
| 3 | 6 |
| 4 | 7 |




2 The following table gives the number of people picking strawberries in a field and the corresponding number of hours that those people worked picking strawberries. Graph the ordered pairs from the table. Does the graph represent two quantities that are proportional to each other? Why or why not?

| $x$ | $y$ |
|---|---|
| 1 | 3 |
| 7 | 1 |
| 4 | 2 |



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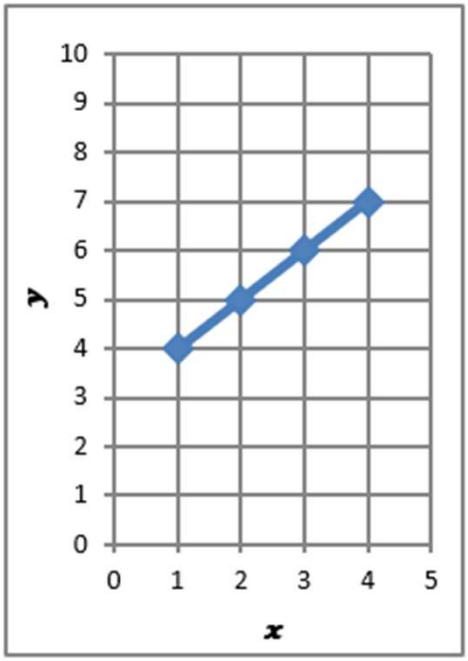


No, because the graph does not pass through the origin.

2 The following table gives the number of people picking strawberries in a field and the corresponding number of hours that those people worked picking strawberries. Graph the ordered pairs from the table. Does the graph represent two quantities that are proportional to each other? Why or why not?

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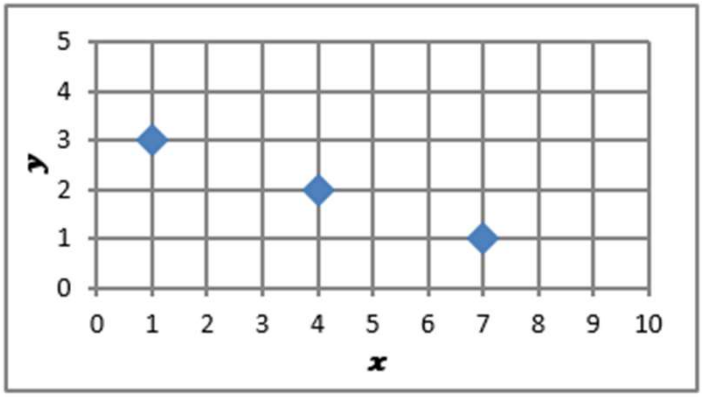


*Although the points fall on a line, the line does not pass through the origin, so the graph does not represent two quantities that are proportional to each other.*