

## Grade 7 Maths Worksheet

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### Equations and graphs

#### Questions:

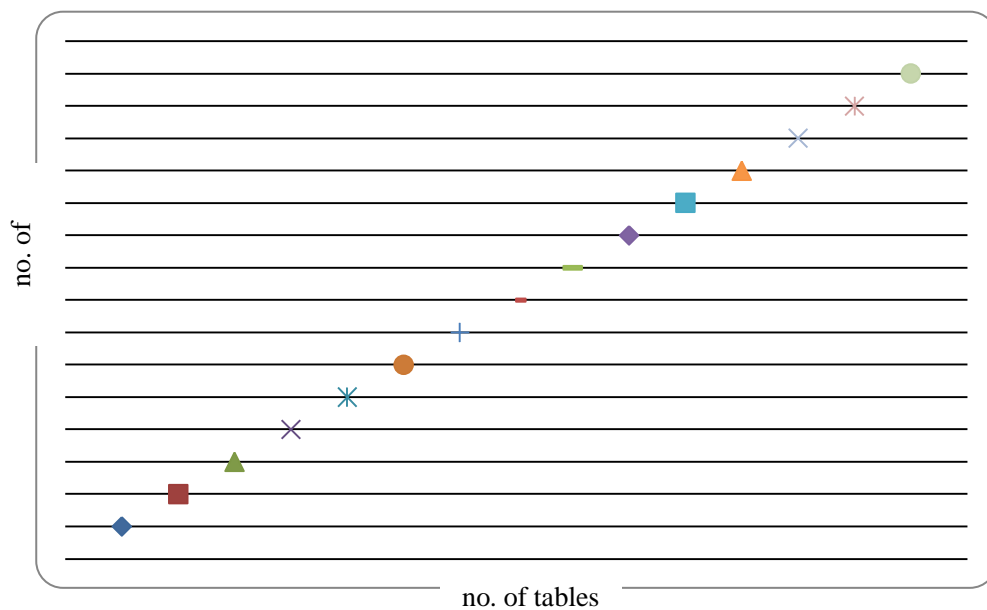
1. In the functions hall at a university, there are six times as many chairs as there are tables.
  - a) Write down an equation that shows this relationship clearly.
  - b) Draw a neat graph that shows this relationship.
  - c) Use your graph to find how many chairs there will be for 15 tables.

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### Solution

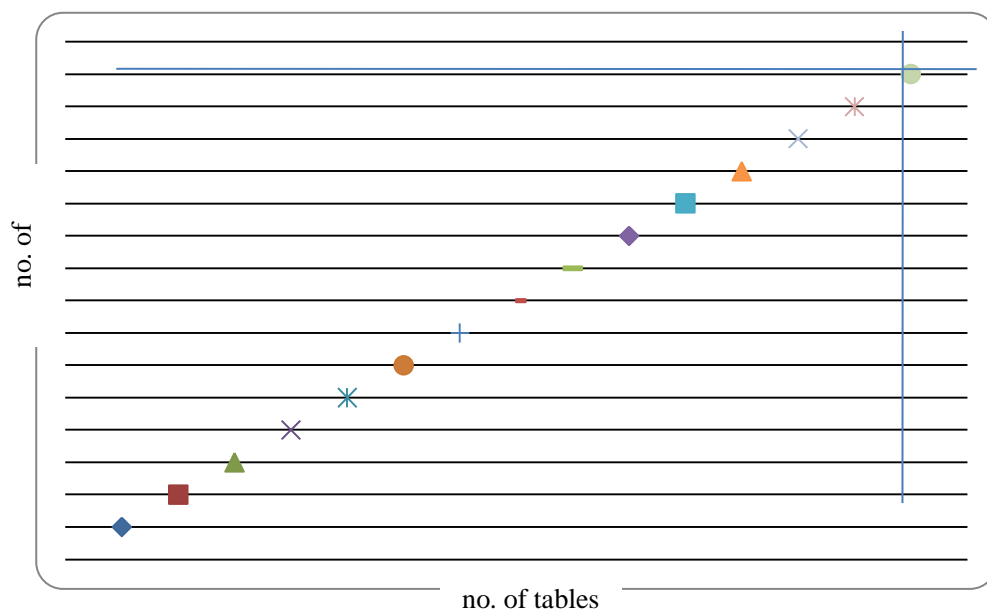
1. a)  $\text{no. of chairs} = 6 \times \text{no. of tables}$

b)



There should be a dot on (0;0) too

c)



Therefore 15 tables would give me 90 chairs