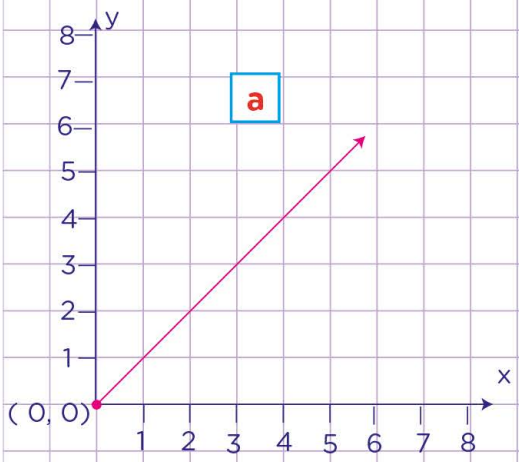
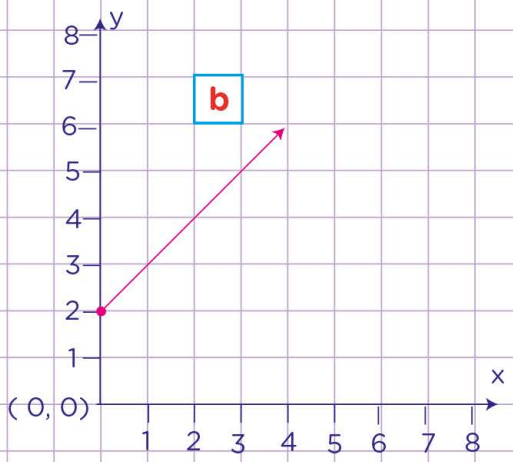
Name: ..... Class: .....

Identify proportional relationships from graphs

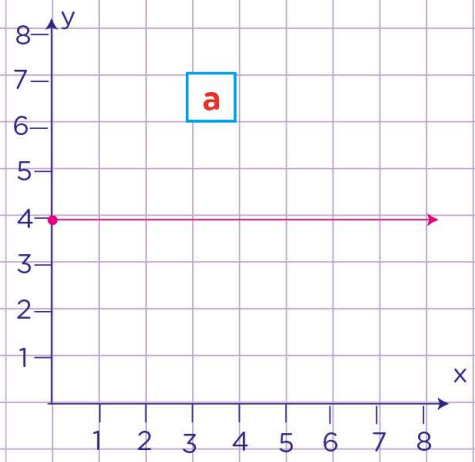
In each case, Select the graphs that show proportional relationships between x and y.

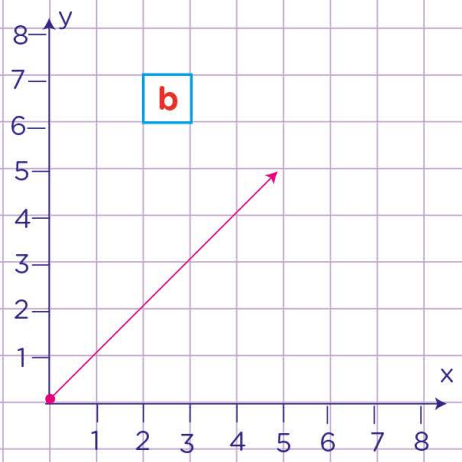
1.





2.





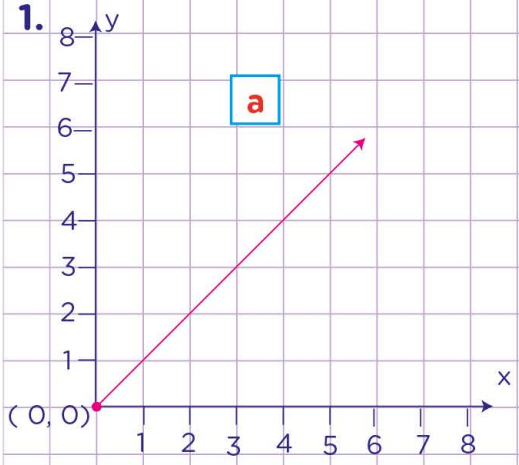
Solution

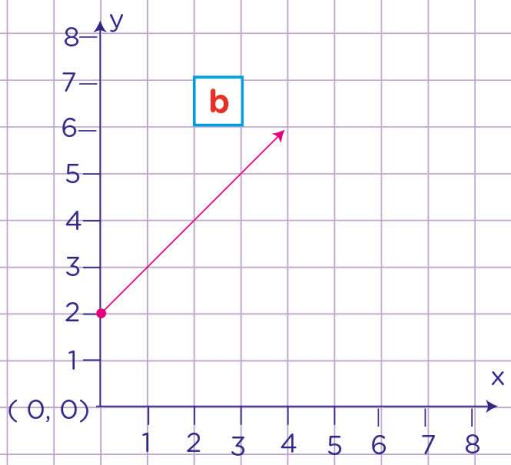
Name: ..... Class: .....

Identify proportional relationships from graphs

In each case, Select the graphs that show proportional relationships between x and y.

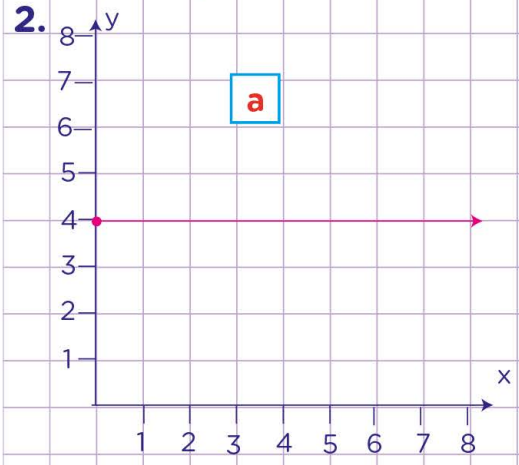
1.

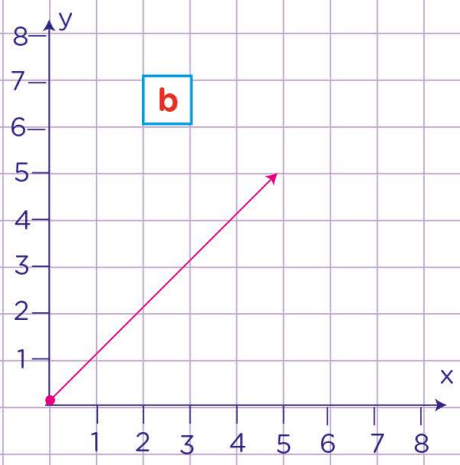




To determine if a graph shows a proportional relationship between x and y, check if it is a straight line passing through the origin (0, 0).
Graph **a** is a straight line passing through the origin.
Graph **a** shows a proportional relatioship between x and y.
Graph **b** is not a straight line passing through the origin (0, 0).
Graph **b** does not show a proportinal relationship between x and y.

2.





To determine if a graph shows a proportional releationship between x and y, check if it is a straight line passing through the origin (0, 0).
Graph **a** is not a straight line passing through the origin.
Hence, graph **a** does not show a proportional relatioship between x and y.
Graph **b** is a straight line passing through the origin (0, 0).
Graph **b** shows a proportinal relationship between x and y.