

Maths

Transformations of Graphs (Translations)

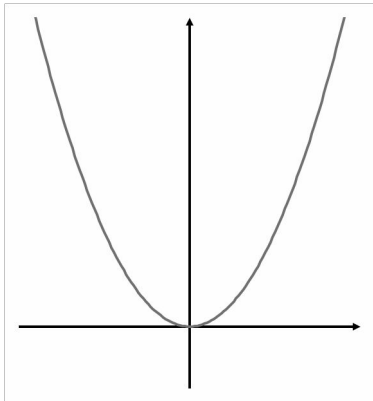
Mr Bond

This resource contains colour font and images



Transformations of graphs (translations)

1. Here is a sketch of $y = x^2$

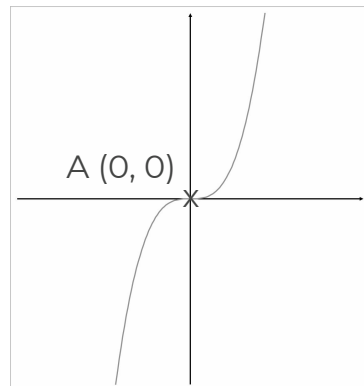


a) On the same axis, sketch the graph

i) $y = x^2 + 2$ ii) $y = (x + 2)^2$

b) Label the coordinates of the turning points of your graphs in part a).

2. Here is a sketch of $y = f(x)$.



a) On the same axis, sketch the graph of

i) $y = f(x) - 5$ ii) $y = f(x - 5)$

b) Write down the new coordinates of point A for each graph in a).

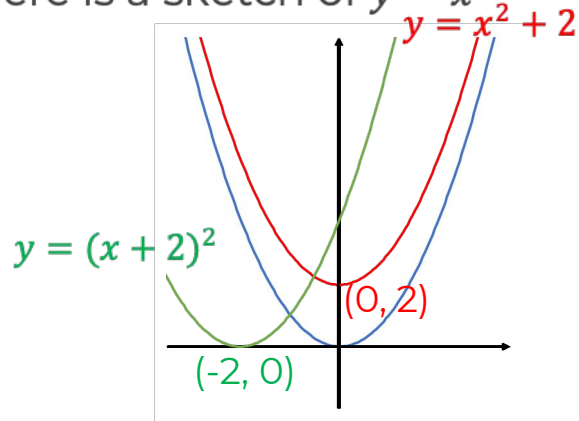


Answers



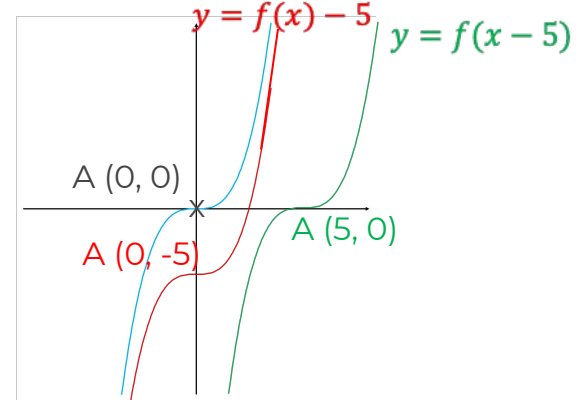
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