

Maths

Transformations of Graphs (Reflections)

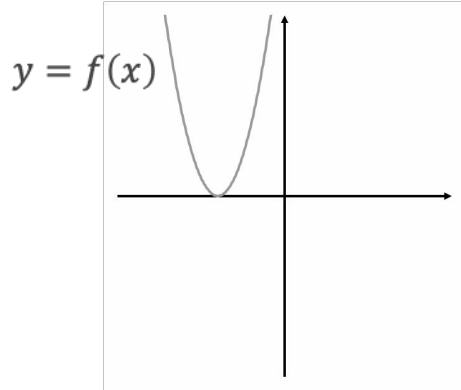
Mr Bond

This resource contains colour font and images



Transformations of graphs (reflections)

1. $f(x) = (x + 4)^2$

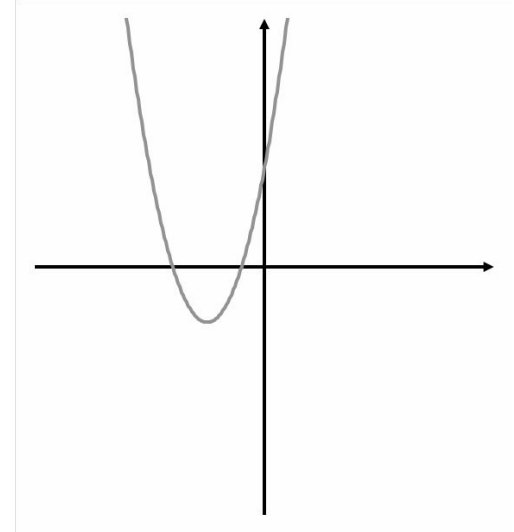


a) On the same axis, sketch the graph

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

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

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



On the same axis, sketch the graph of

a) $y = -2f(x)$ b) $y = f(-2x)$

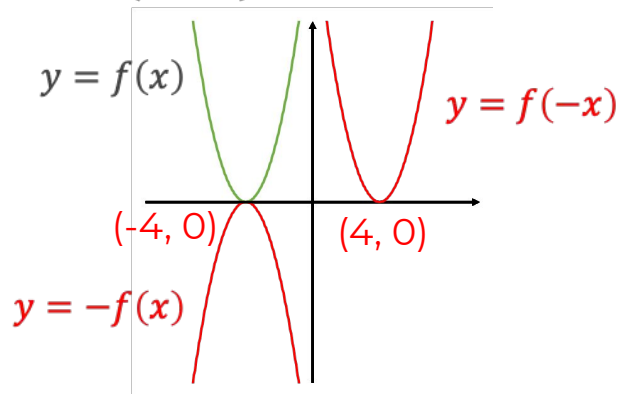


Answers



Transformations of graphs (reflections)

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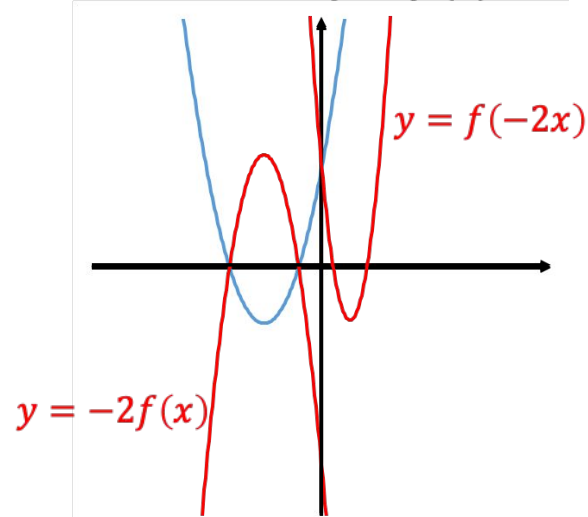


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