Transforming Trig Graphs

We can use our knowledge of transforming graphs to transform trig graphs.

Recap

Examples

1. Sketch ,
2. Sketch ,
3. Sketch ,
4. Sketch ,

Extension

*[MAT 2013 1B]* The graph of is reflected first in the line and then in the line . The resulting graph has equation:

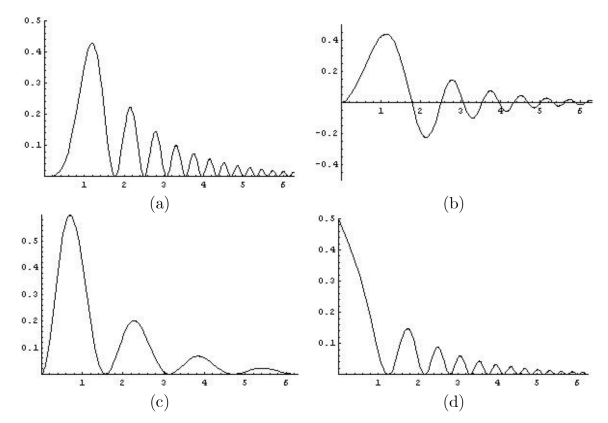


*[MAT 2011 1D]* What fraction of the interval   
 is one (or both) of the inequalities:

true?

*3.*

*MAT 2007 1G]* On which of the axes is a sketch of the graph



Ex 9F/G Pg 194 – 197.