Transformations Quiz /21

For every function, it is important to always change it to the form before applying any of the transformations. Remember to always reflect, expand, or compress first then translate horizontally or vertically.

1. The point is on the graph of . What point must be on the following graphs:

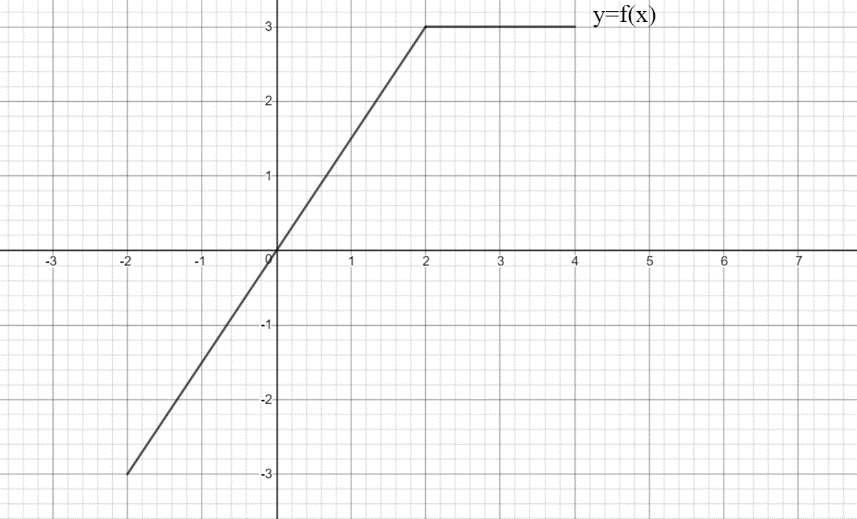
6 marks

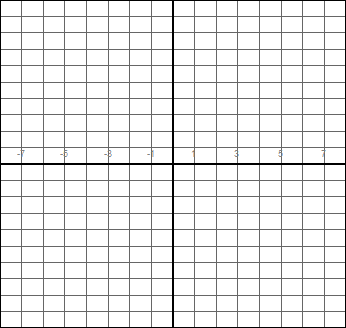
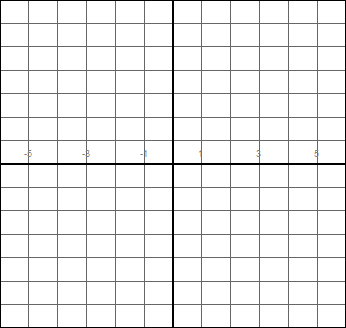
1. For each function , write the new simplified function indicated: 3 marks

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For which function above is ? What type of function is this called? 1 mark

1. Given the function , determine the inverse function . 3 marks
2. Given the graph of the function below, sketch the graph of each new function.





1. 3 marks b) 5 marks