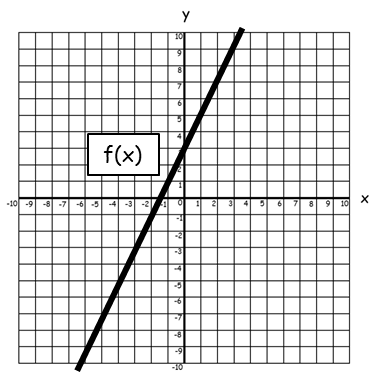
A picture containing drawing

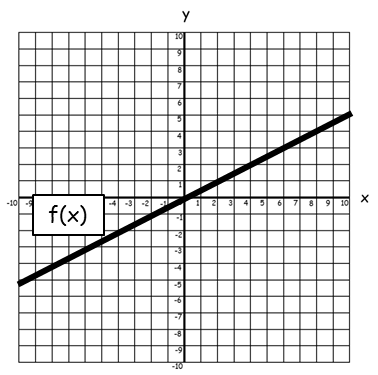
Description automatically generated**Inverse Functions GREEN**



1. Given that ,

a) Sketch the graph of

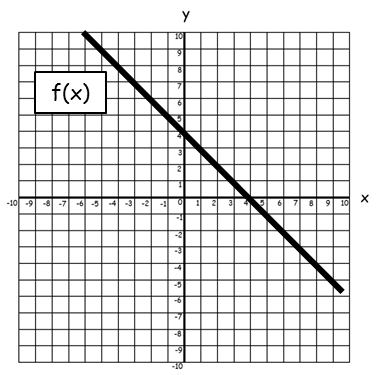
b) Determine the equation of .



2. Given that ,

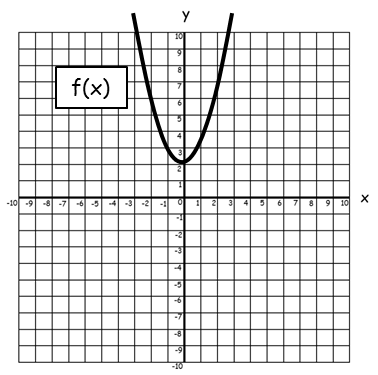
a) Sketch the graph of

b) Determine the equation of .

3. Given that ,

a) Sketch the graph of .

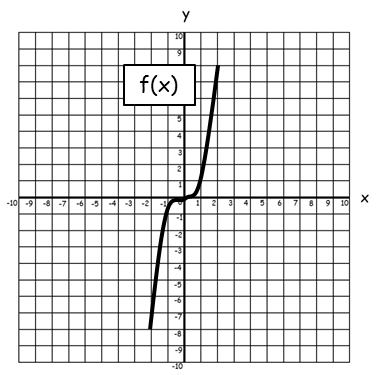
b) Determine the equation of .



4. Given that ,

a) Sketch the graph of .

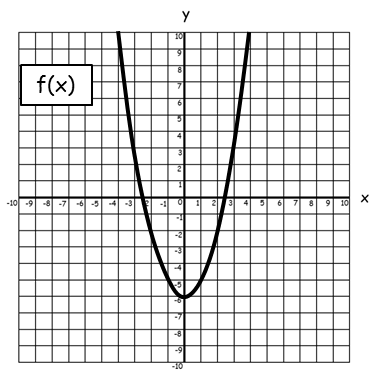
b) Determine the equation of .



5. Given that ,

a) Sketch the graph of .

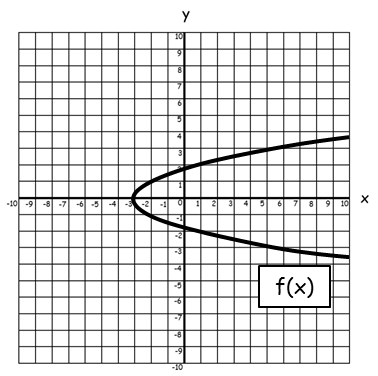
b) Determine the equation of .



6. Given that ,

a) Sketch the graph of .

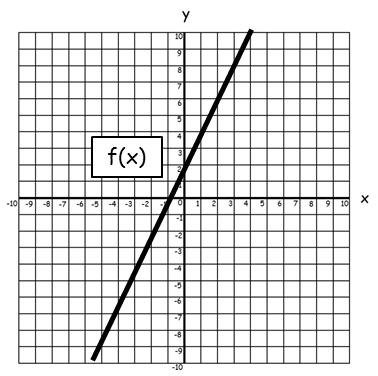
b) Determine the equation of .



7. Given that ,

a) Sketch the graph of .

b) Determine the equation of .



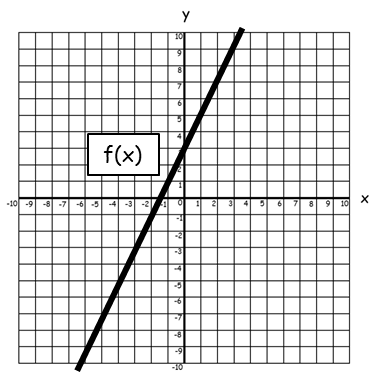
8. Given that ,

a) Sketch the graph of .

b) Determine the equation of .

A picture containing drawing

Description automatically generated**Inverse Functions AMBER**

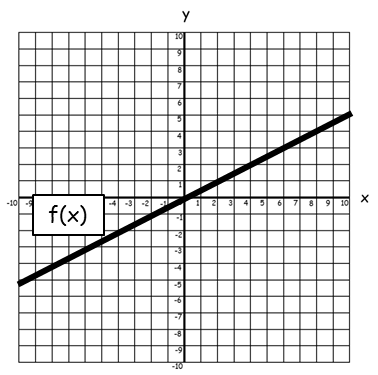


1. Given that ,

a) Sketch the graph of .

b) Determine the equation of .

Hint: Let and rearrange to make the subject.

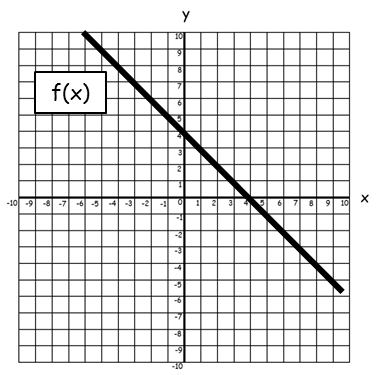


2. Given that ,

a) Sketch the graph of .

b) Determine the equation of .

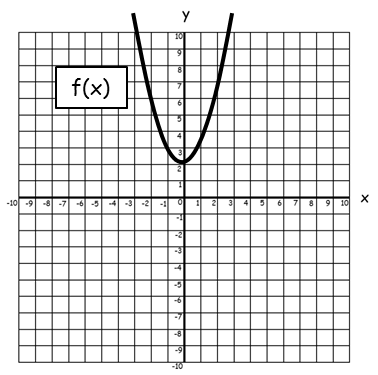
Hint: Let and rearrange to make the subject.

3. Given that ,

a) Sketch the graph of .

b) Determine the equation of .

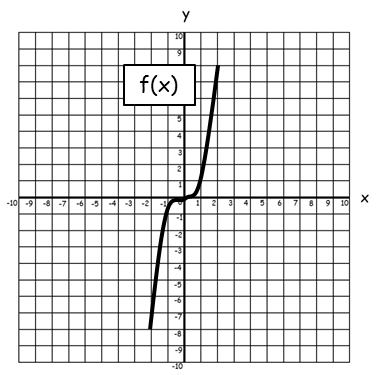
Hint: Let and rearrange to make the subject.



4. Given that ,

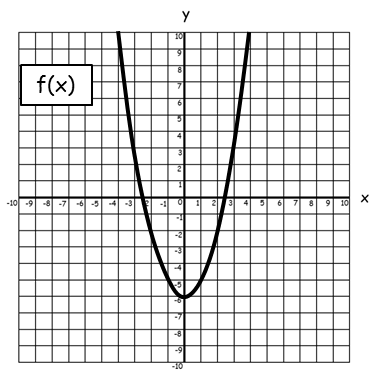
a) Sketch the graph of .

b) Determine the equation of .

5. Given that ,

a) Sketch the graph of .

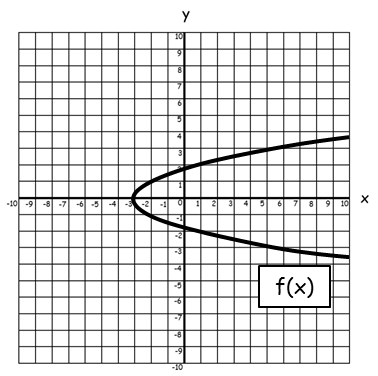
b) Determine the equation of .



6. Given that ,

a) Sketch the graph of .

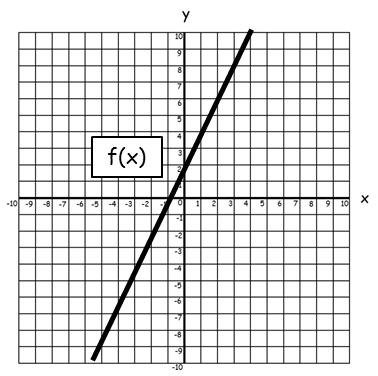
b) Determine the equation of .



7. Given that ,

a) Sketch the graph of .

b) Determine the equation of .



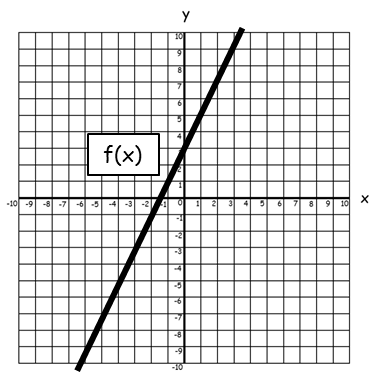
8. Given that ,

a) Sketch the graph of .

b) Determine the equation of .

A picture containing drawing

Description automatically generated**Inverse Functions RED**



1. Given that ,

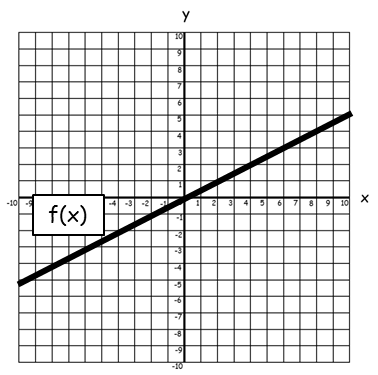
a) Sketch the graph of .

b) Determine the equation of .

Hint: Let and **rearrange** to make the subject.

Therefore

Reflect the graph in

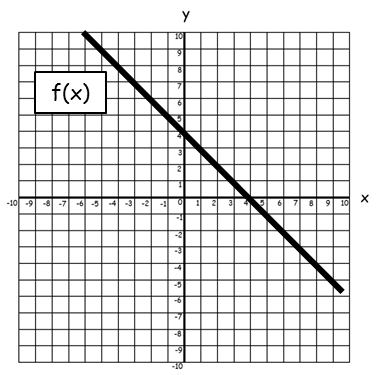


2. Given that ,

a) Sketch the graph of .

b) Determine the equation of .

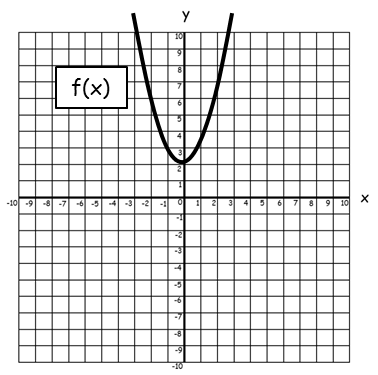
Hint: Let and **rearrange** to make the subject.

3. Given that ,

a) Sketch the graph of .

b) Determine the equation of .

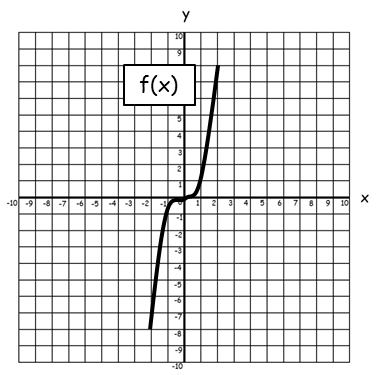
Hint: Let and **rearrange** to make the subject.



4. Given that ,

a) Sketch the graph of .

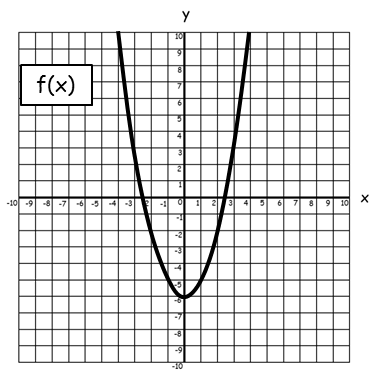
b) Determine the equation of .



5. Given that ,

a) Sketch the graph of .

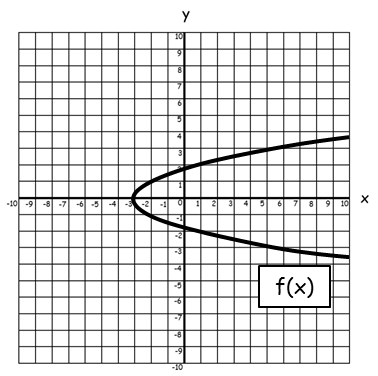
b) Determine the equation of .



6. Given that ,

a) Sketch the graph of .

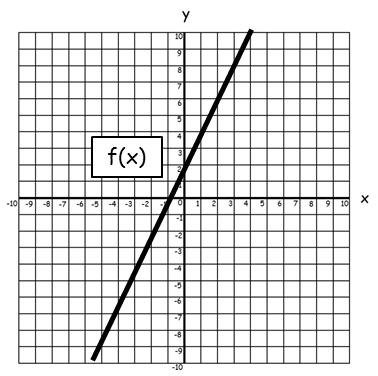
b) Determine the equation of .



7. Given that ,

a) Sketch the graph of .

b) Determine the equation of .



8. Given that ,

a) Sketch the graph of .

b) Determine the equation of .