

Using the grid, solve the equations

$$x^2 + y^2 = 9$$

$$x + y = 2$$

Given

$$f(x) = \frac{x - 9}{3}$$

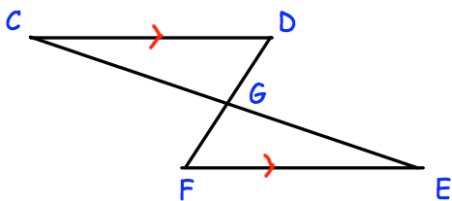
$$g(x) = 5x - 7$$

Solve

$$f^{-1}(x) = g(x)$$

Solve

$$5x^2 - 7x - 24 \geq 0$$



In the diagram, the lines CE and DF intersect at G.  
CD and FE are parallel and  $CD = FE$ .  
Prove that triangles CDG and EFG are congruent.