




Straight lines and their gradients

This activity is designed for you to check how well you understand the process for finding the equation of a straight line and how well you know the properties of straight line gradients.

Go to www.geogebra.org and click the  link.

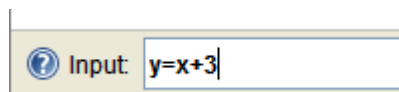
Now click the  link.

This will open Geogebra in your web browser.

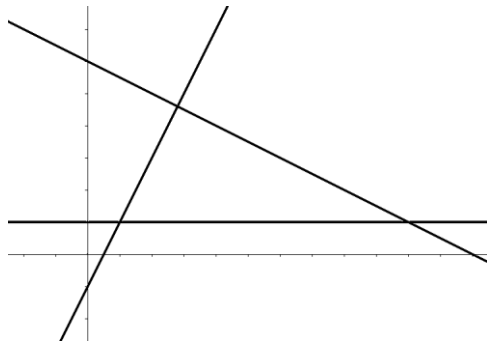
You are going to try to create the following designs using Geogebra.

For each design, write down the equations of the lines you used on the picture. You should also indicate how easily you dealt with the problem.

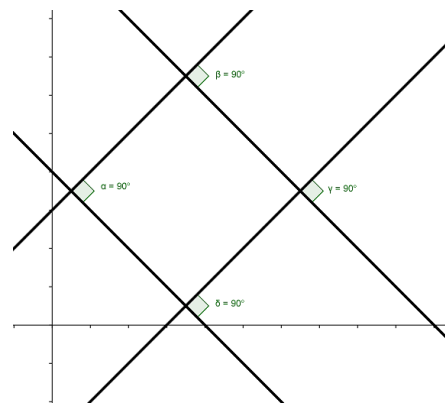
You can enter equations of lines such as $y = x + 3$ in the input box (at the bottom of the screen) like this:



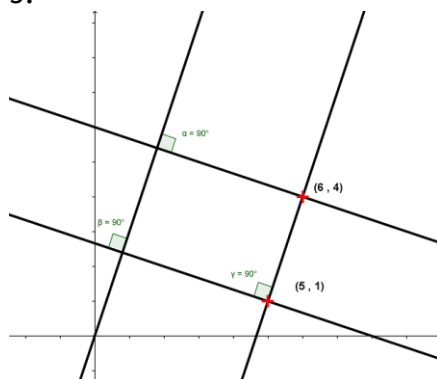
1.



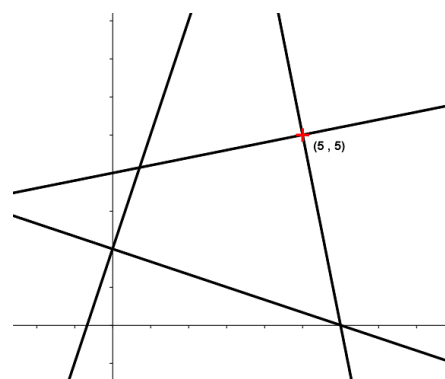
2.



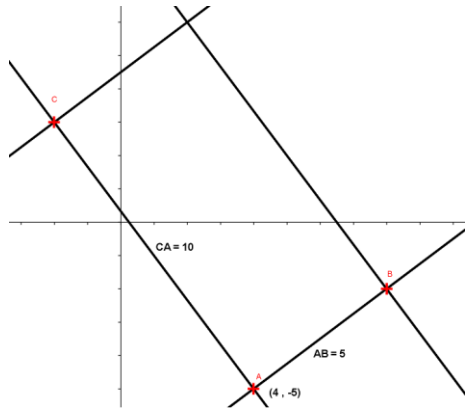
3.



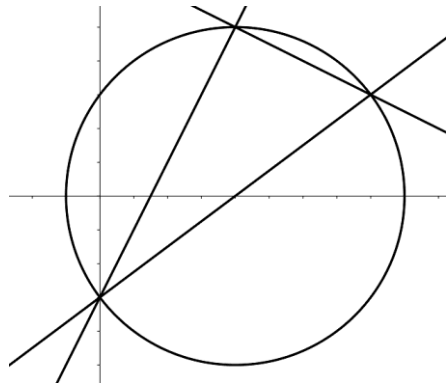
4.



5.



6.



7.

