Class - Exercises- 09.20 - p.1/1

1) Review of elementary functions (Part 1) :

- Examples Equations Graphs Exercises Use of Mathematical software.
 a) Linear functions vs Affine functions f:x → y = mx vs g:x → y = mx + p
 b) General equation of straight lines : ax + by +c =0
 c) Graphing inequalities : ax + by ≤ c
- d) Graphing linear systems of inequalities $\begin{cases} ax + by \le c \\ a'x + b'y \le c' \end{cases}$
- e) Word problems (Kinematics & Economics)

I.1 Draw the lines defined by the given equations below (show which is which) :



I.3 From the graph, determine the measure of the shaded area (in square units).