**Reminder on inequalities - Worksheet**

1. Represent the following inequalities on a number line and as an interval.
a) $x<-3$ b) $x\leq 2$

c) $x>5$ d) $x\geq -1$

e) $-3\leq x\leq 5$ f) $1\leq x<3$
2. Solve the following inequalities.
a) $2x-5>x+2$ b) $3\left(x-5\right)\geq 5x-3$

c) $1-2\left(x+3\right)<2x+5$ d) $\frac{1}{3}x+2\leq \frac{2}{3}x+1$
3. Represent the following intervals on a number line.
a) $\left[5;10\right]$ b) $\left[2;3\right[$

c) $\left]-3;5\right]$ d) $\left]3;\infty \right[$