数学Ⅰ　授業プリント ＃ 25 （その 2）

年　　組　　号

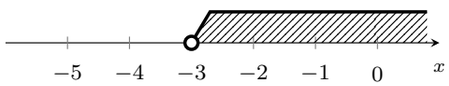
氏名

不等式が表す範囲を、数直線上に図示するとイメージがしやすい。

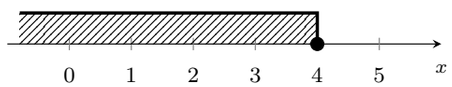
不等式には $=$ が付かないときは、その点を含まないことを示すために ○ とかき、さらに線を斜めにかく。

不等式には $=$ が付くときは、その点を含むことを示すために ● とかき、さらに線を垂直にかく。

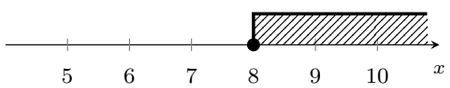
例題　(1)　$x > -3$



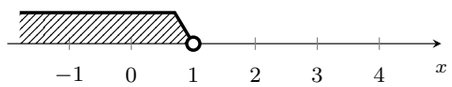
(2)　$x \leqq 4$



(3)　$x \geqq 8$

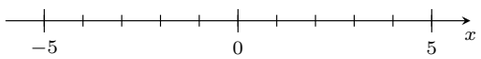


(4)　$x < 1$

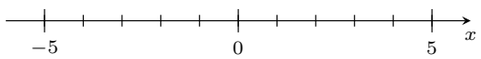


1　次の不等式が表す範囲を図示しなさい。

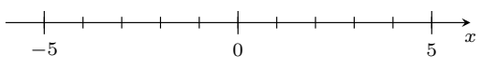
(1)　$x < 3$



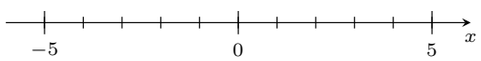
(2)　$x \geqq -1$



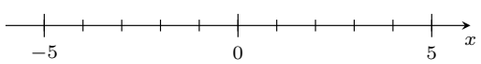
(3)　$x \leqq 5$



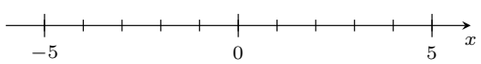
(4)　$x > -2$



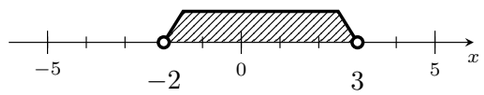
(5)　$x \geqq -4$



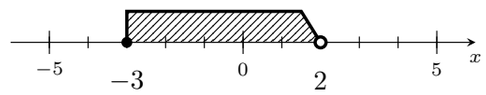
(6)　$x < 0$



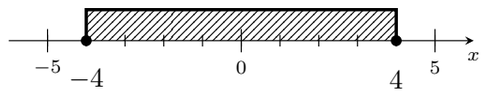
例題 2　(1)　$-2 < x < 3$



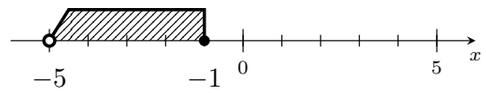
(2)　$-3 \leqq x < 2$



(3)　$-4 \leqq x \leqq 4$

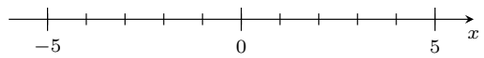


(4)　$-5 < x \leqq -1$

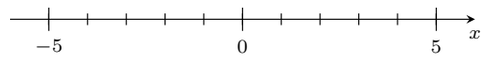


2　次の不等式が表す範囲を図示しなさい。

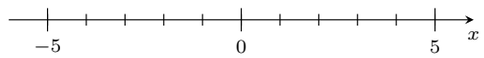
(1)　$-5 < x < 3$



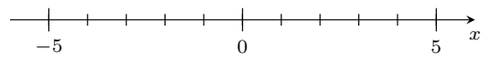
(2)　$1 \leqq x < 3$



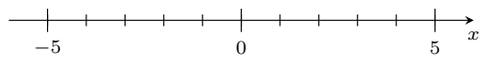
(3)　$-1 \leqq x \leqq 4$



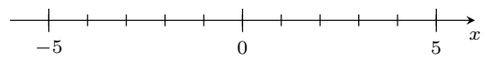
(4)　$0 < x \leqq 3$



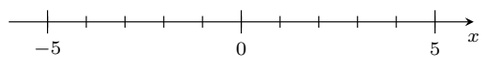
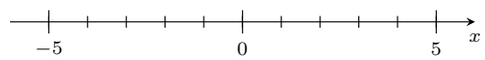
(5)　$-5 \leqq x \leqq -4$



(6)　$-3 \leqq x < 0$



(7)　$1 < x < 3$



(8)　$-2 < x \leqq 4$