

氏名 _____

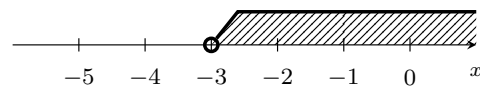
■ 不等式の表す範囲を図示

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。

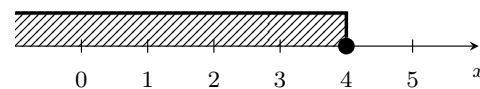
不等式には $=$ が付くときは、その点を含むことを示すために ● のように塗りつぶし、さらに線を垂直に描く。

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 ○ のように塗りつぶさず、さらに線を斜めに描く。

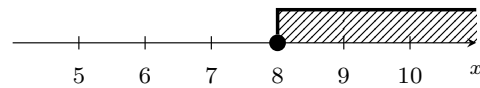
例題 (1) $x > -3$



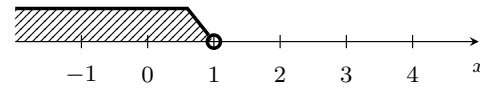
(2) $x \leq 4$



(3) $x \geq 8$

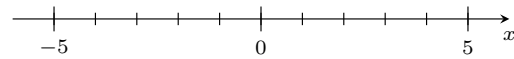


(4) $x < 1$

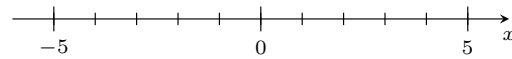


1 次の不等式が表す範囲を図示しなさい。

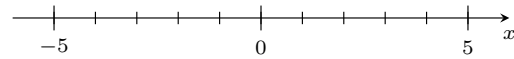
(1) $x < 3$



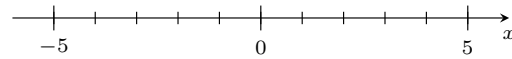
(2) $x \geq -1$



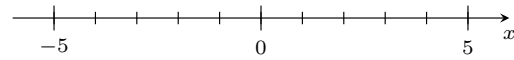
(3) $x \leq 5$



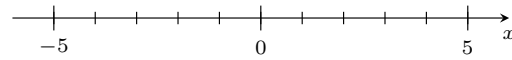
(4) $x > -2$



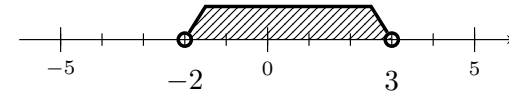
(5) $x \geq -4$



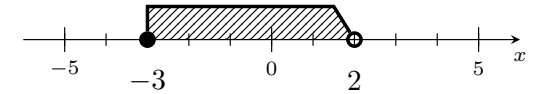
(6) $x < 0$



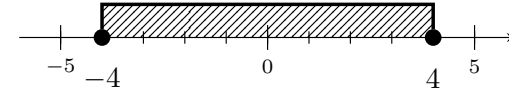
例題2 (1) $-2 < x < 3$



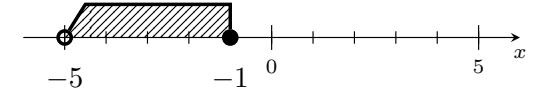
(2) $-3 \leq x < 2$



(3) $-4 \leq x \leq 4$

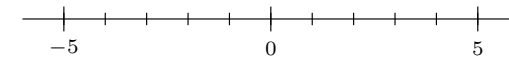


(4) $-5 < x \leq -1$

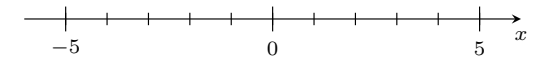


2 次の不等式が表す範囲を図示しなさい。

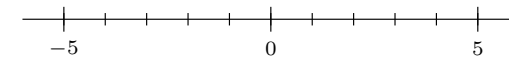
(1) $-5 < x < 3$



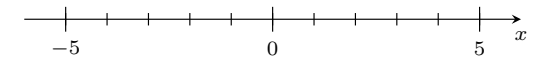
(2) $1 \leq x < 3$



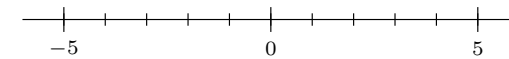
(3) $-1 \leq x \leq 4$



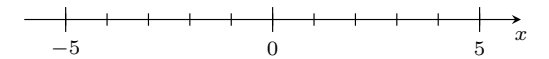
(4) $0 < x \leq 3$



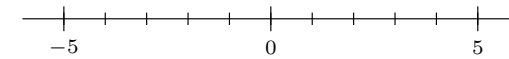
(5) $-5 \leq x \leq -4$



(6) $-3 \leq x < 0$



(7) $1 < x < 3$



(8) $-2 < x \leq 4$

