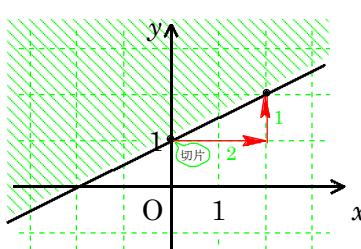
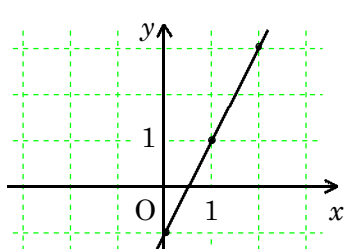
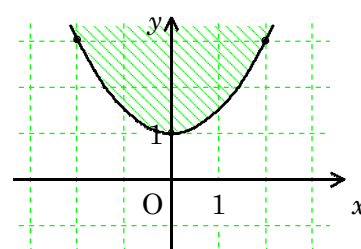
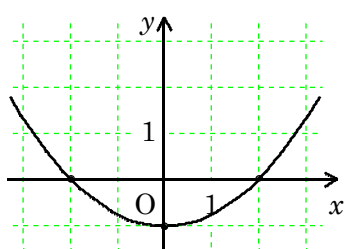
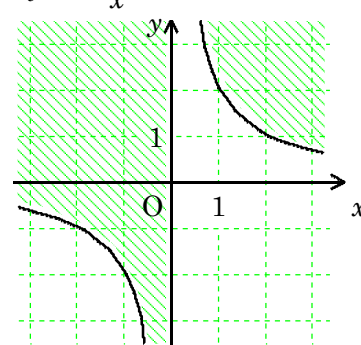
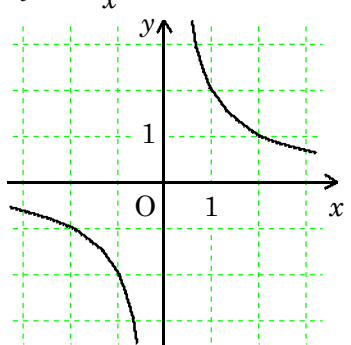
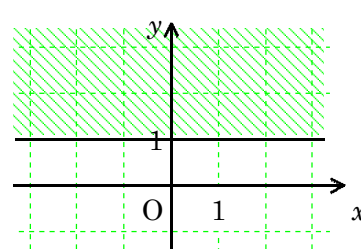
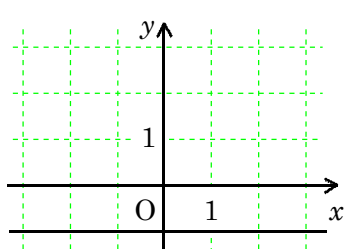
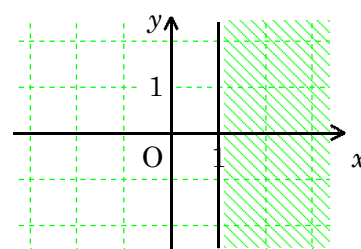
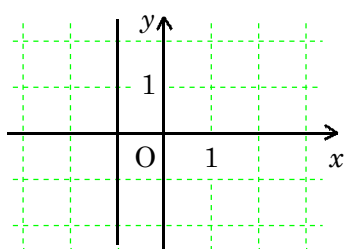
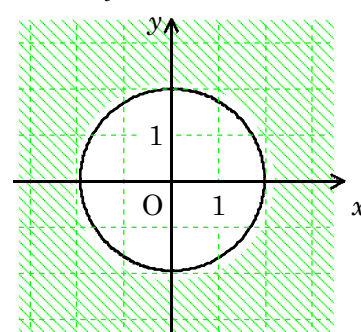
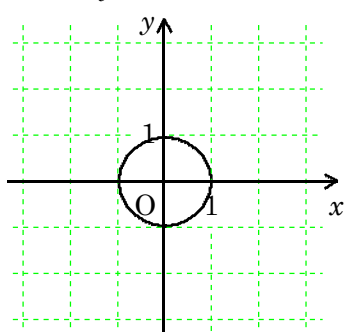


# SPI 不等式と領域 課題

1. 次の不等式の表す領域を図示せよ。 ※(0,0)などで確認

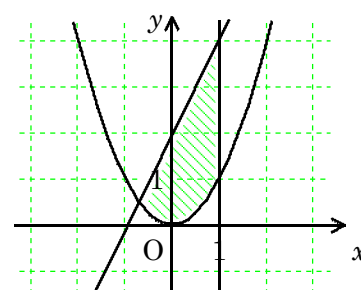
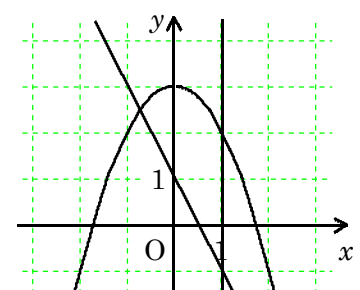
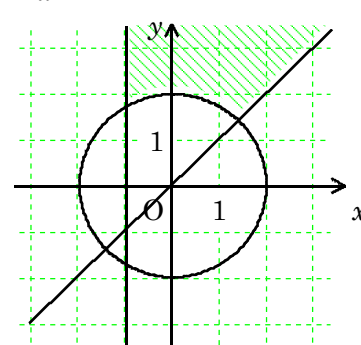
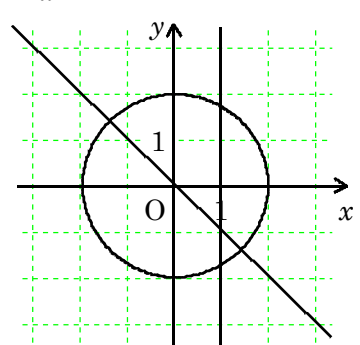
※境界線は含まない

例題	問題
① $y > \frac{1}{2}x + 1$ 	① $y < 2x - 1$ 
② $y > \frac{1}{2}x^2 + 1$ 	② $y < \frac{1}{4}x^2 - 1$ 
③ $y > \frac{2}{x}$ 	③ $y < \frac{2}{x}$ 
④ $y > 1$ 	④ $y < -1$ 
⑤ $x > 1$ 	⑤ $x < -1$ 
⑥ $x^2 + y^2 > 2^2$ 	⑥ $x^2 + y^2 < 1^2$ 

( )年( )組( )番( )

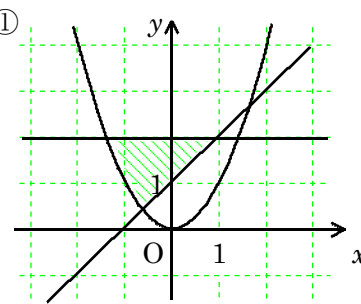
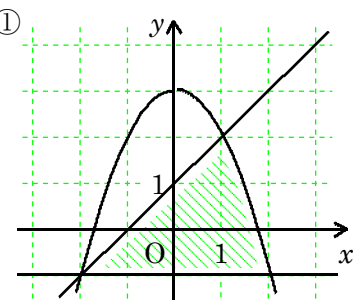
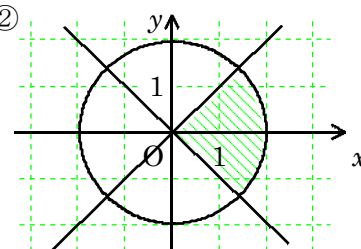
2. 次の不等式の表す領域を図示せよ。

※境界線は含まない

例題	問題
① $y < 2x + 2$ $y > x^2$ $x < 1$ 	① $y > -2x + 1$ $y < -x^2 + 3$ $x < 1$ 
② $x^2 + y^2 > 2^2$ $y > x$ $x > -1$ 	② $x^2 + y^2 < 2^2$ $y < -x$ $x < 1$ 

4. 次の領域を表す不等式をすべて書きなさい。

※境界線は含まない

例題	問題
①  $y > x^2$ $y < 2$ $y > x + 1$	① 
②  $x^2 + y^2 < 2^2$ $y < x$ $y > -x$	② 