
Worksheet J: Review questions (quadratic inequalities)



First, think about the image each of the following quadratic inequalities would give i.e. what region of the input-axis do you expect to see highlighted for the solution set.

Now solve each quadratic inequality.

Compare your final solution sets to the ones that you originally thought would occur.

(a) $x^2 - 5x + 4 < 0$

(b) $k^2 - 5k + 4 \geq 0$

(c) $y(y - 1) \leq 20$

(d) $3x^2 + 5x - 2 < 0$

(e) $4x - 3 \geq x^2$

(f) $10t^2 > t + 3$