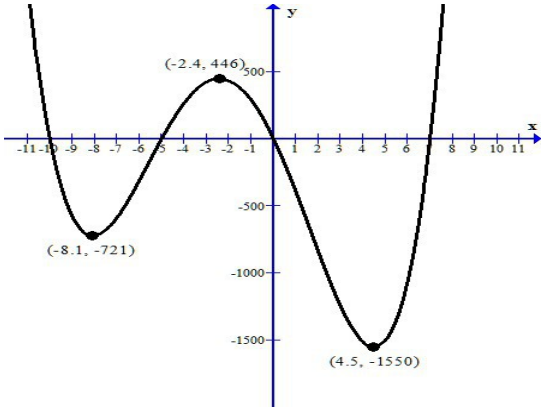
Solving Polynomial and Rational Inequalities Graphically

1. Solve the inequality using the graph.



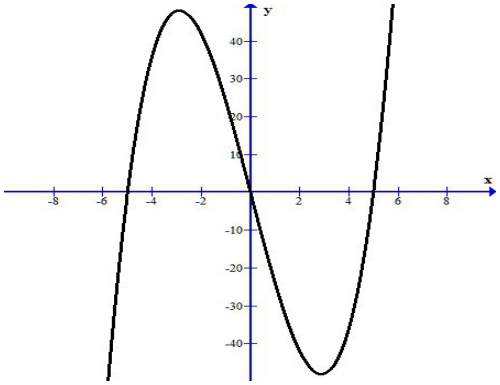
   a. $f(x) > 0$ _____

   b. $f(x) \geq 0$ _____

   c. $f(x) < 0$ _____

   d. $f(x) \leq 0$ _____

2. Solve the inequality using the graph.



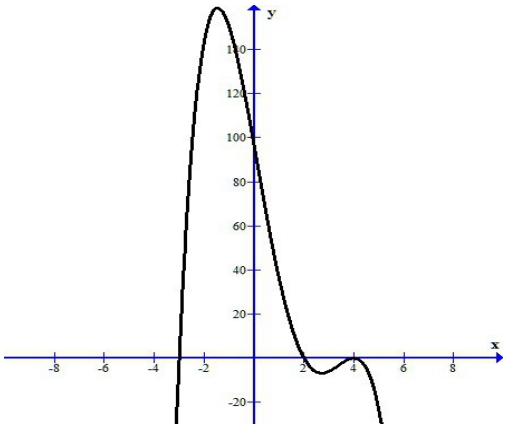
   a. $f(x) > 0$ _____

   b. $f(x) \geq 0$ _____

   c. $f(x) < 0$ _____

   d. $f(x) \leq 0$ _____

3. Solve the inequality using the graph.



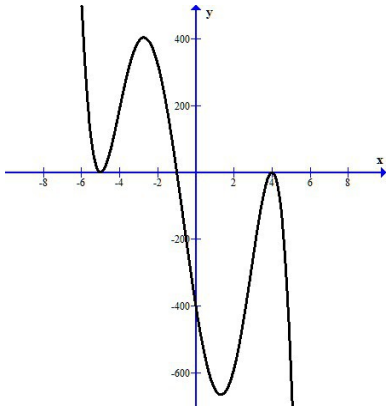
   a. $f(x) > 0$ _____

   b. $f(x) \geq 0$ _____

   c. $f(x) < 0$ _____

   d. $f(x) \leq 0$ _____

4. Solve the inequality using the graph.



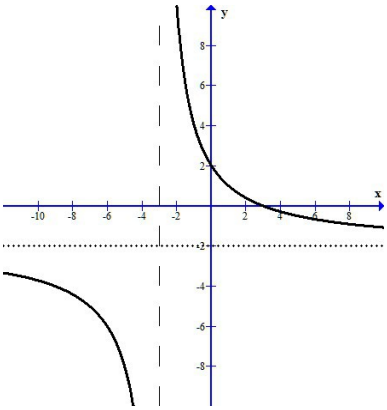
   a. $f(x) > 0$ _____

   b. $f(x) \geq 0$ _____

   c. $f(x) < 0$ _____

   d. $f(x) \leq 0$ _____

5. Solve the inequality using the graph.



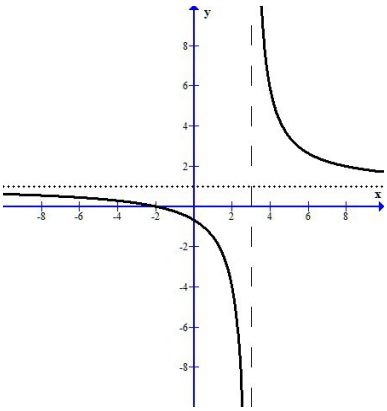
a. $f(x)>0$ _____

b. $f(x)\geq 0$ _____

c. $f(x)<0$ _____

d. $f(x)\leq 0$ _____

6. Solve the inequality using the graph.



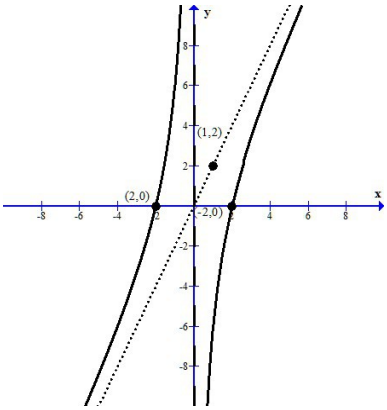
a. $f(x)>0$ _____

b. $f(x)\geq 0$ _____

c. $f(x)<0$ _____

d. $f(x)\leq 0$ _____

7. Solve the inequality using the graph.



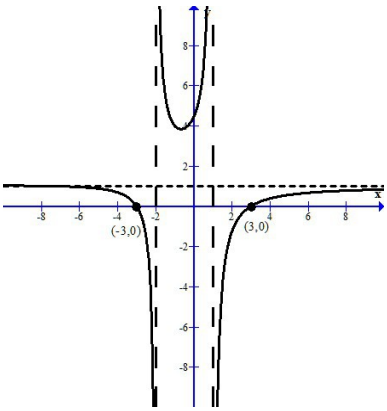
a. $f(x)>0$ _____

b. $f(x)\geq 0$ _____

c. $f(x)<0$ _____

d. $f(x)\leq 0$ _____

8. Solve the inequality using the graph.



a. $f(x)>0$ _____

b. $f(x)\geq 0$ _____

c. $f(x)<0$ _____

d. $f(x)\leq 0$ _____